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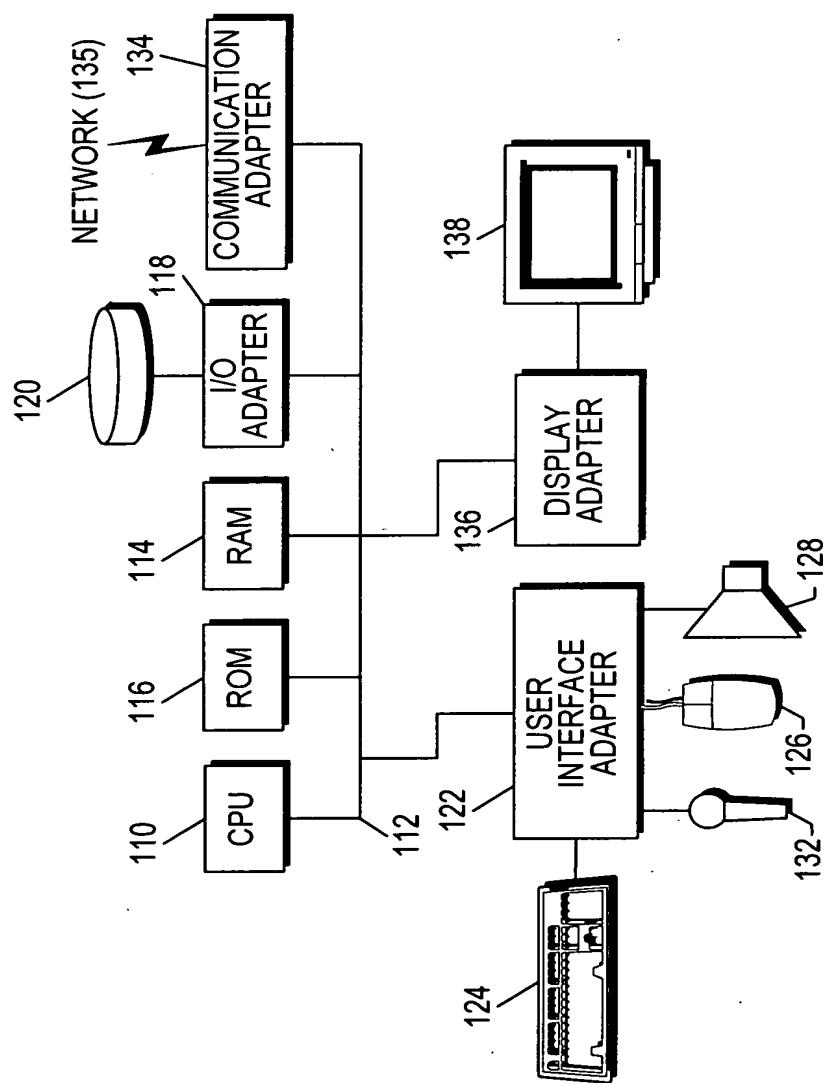
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Figure 1



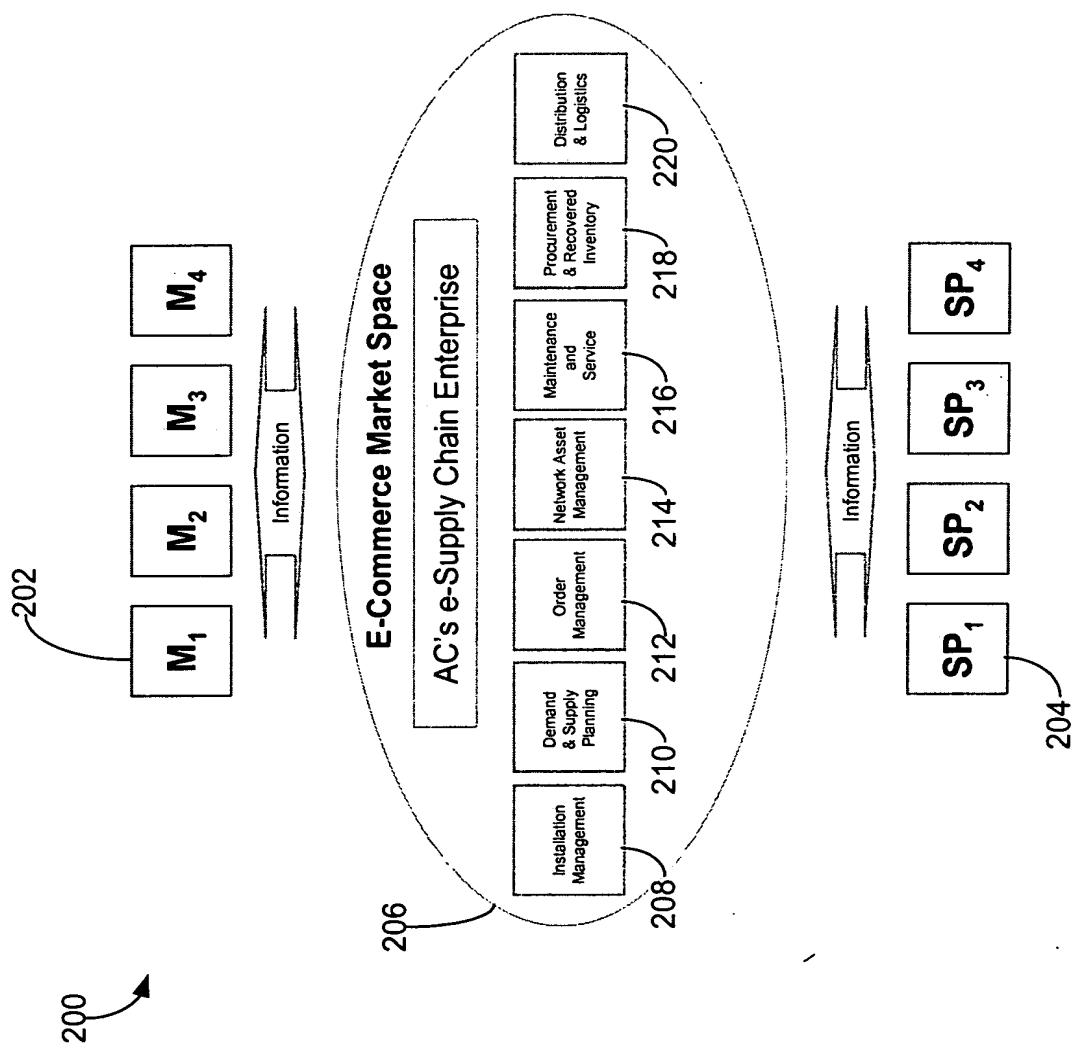


Figure 2

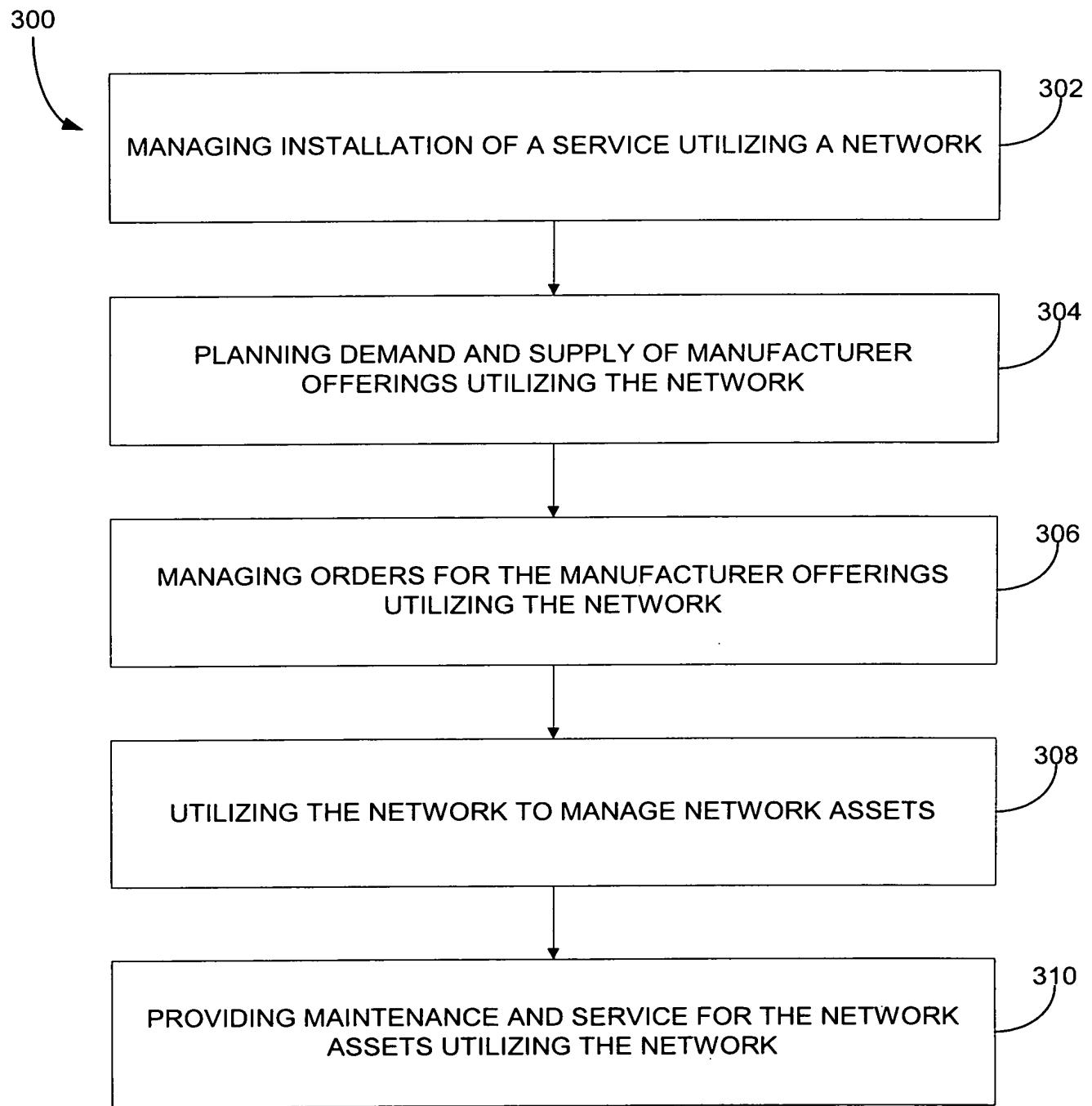
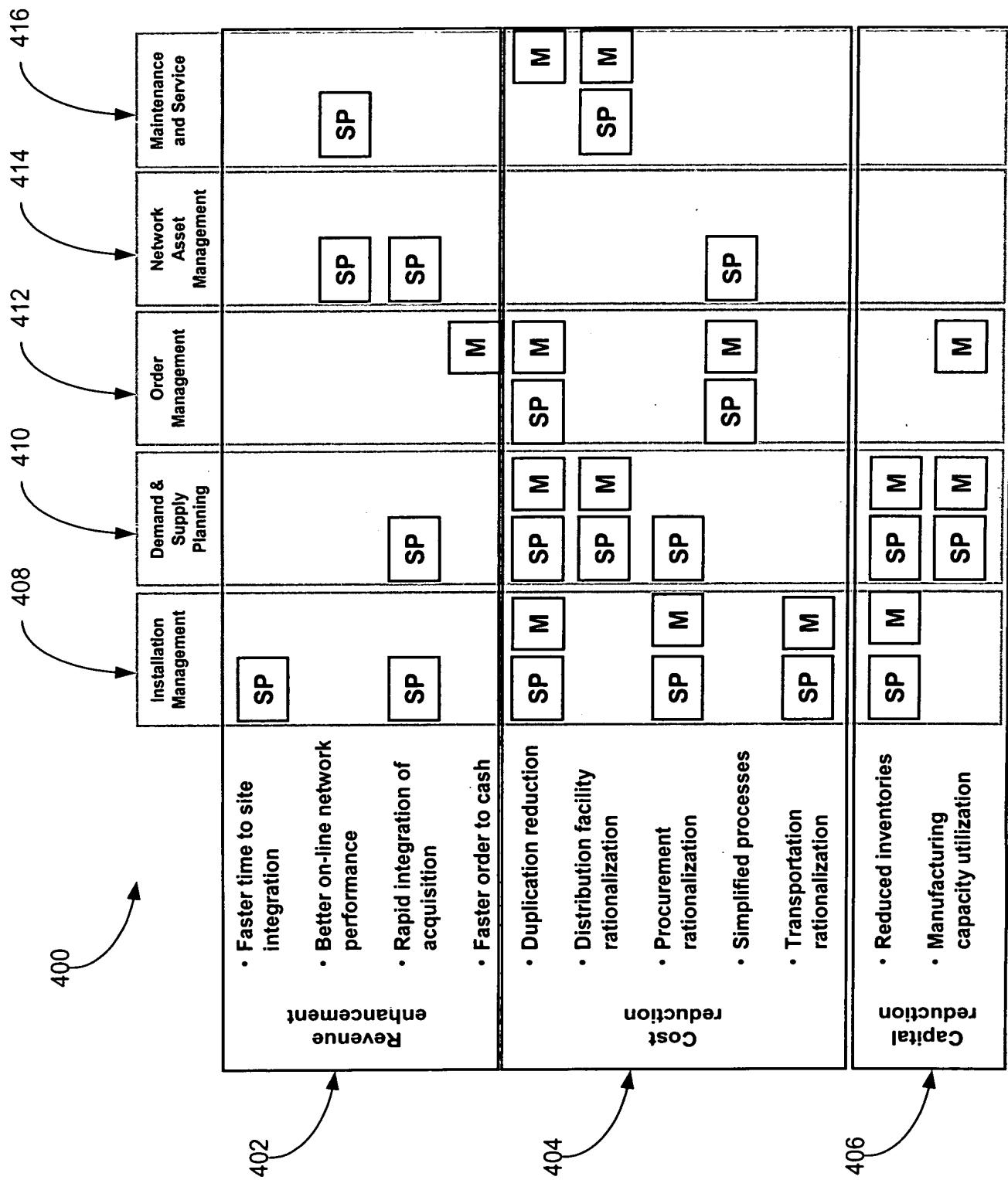


Figure 3

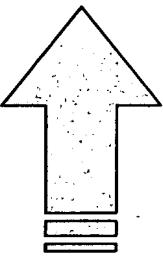
Figure 4



Core Competencies

502	Service Provider
	<ul style="list-style-type: none">• New customer acquisitions• New customer segmentation strategy• Strategic technology mgmt• Technology life cycle management• New service offerings

506	Service Provider
	<ul style="list-style-type: none">• Provide an open access channel for new service offerings from the manufacturer• Move to a focus on platform release strategy in line with service offerings



504	Manufacturer
	<ul style="list-style-type: none">• Focus on managing the customer relationship• Focus on managing production capacity• Focus on R & D• Focus on market coverage roll out

508	Manufacturer
	<ul style="list-style-type: none">• Gain the potential to reposition the network as a platform for their solutions pipeline• The ability for the manufacturer to build strategic alliances with solution integrators becomes a critical differentiator

Figure 5

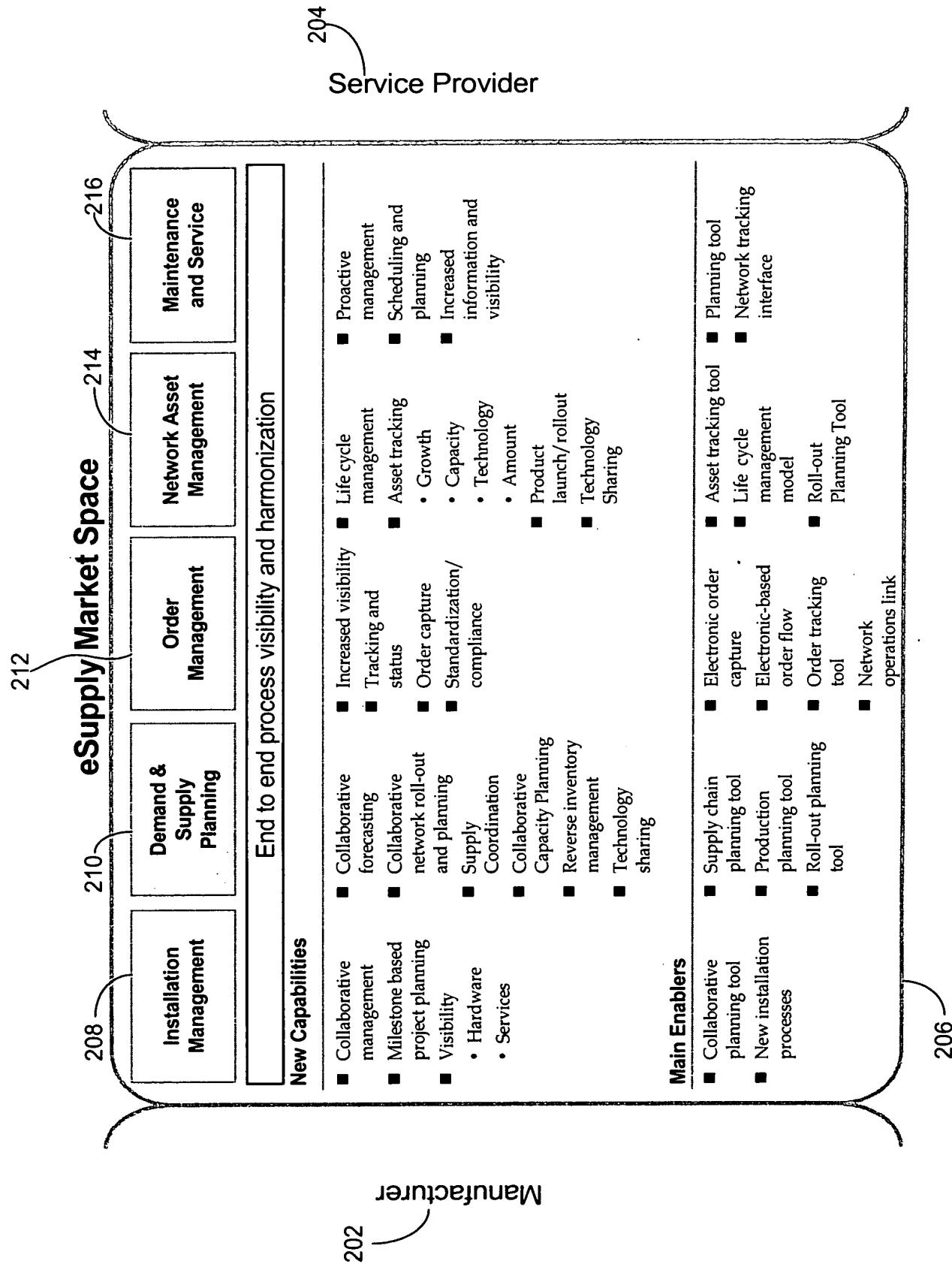


Figure 6

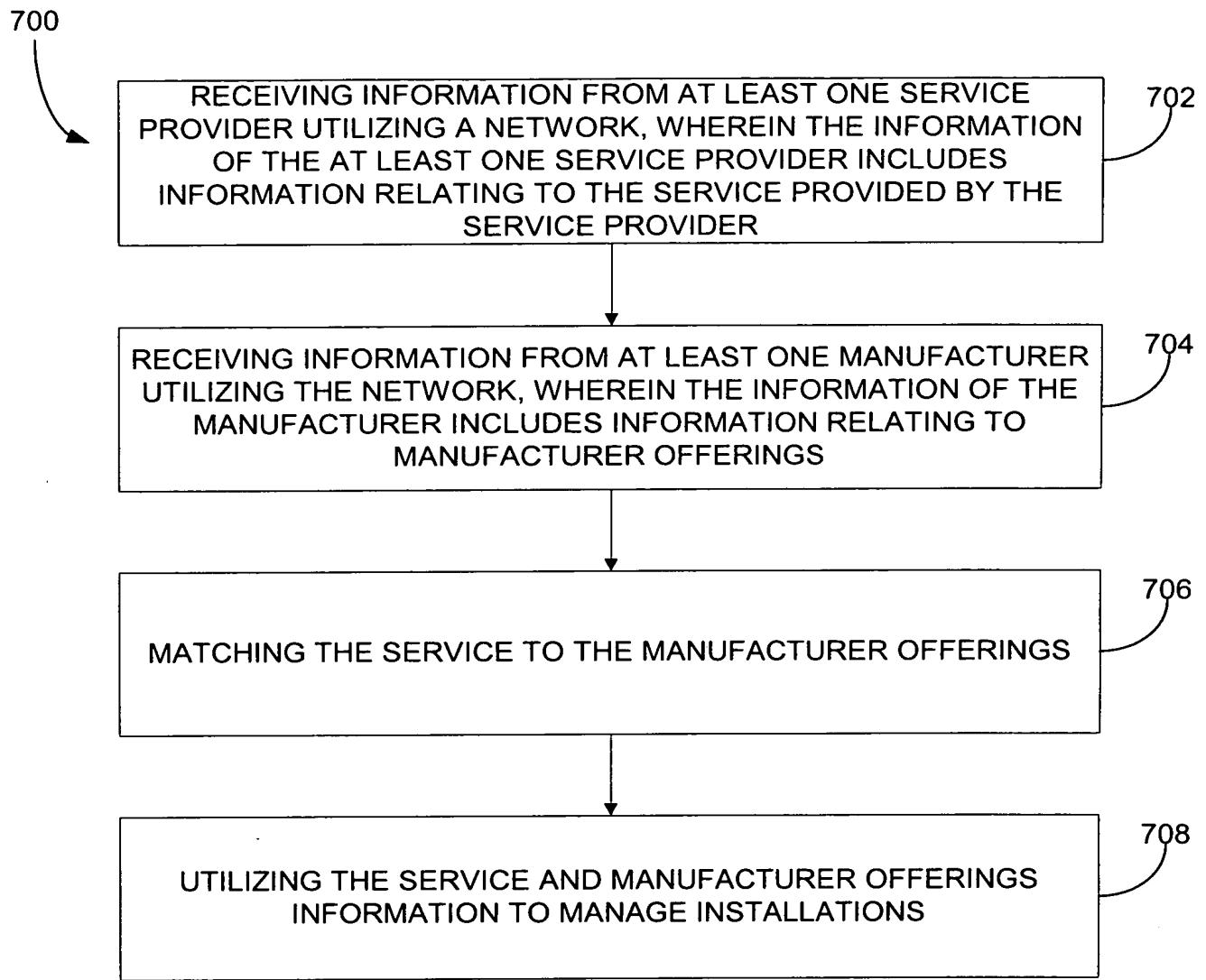


Figure 7

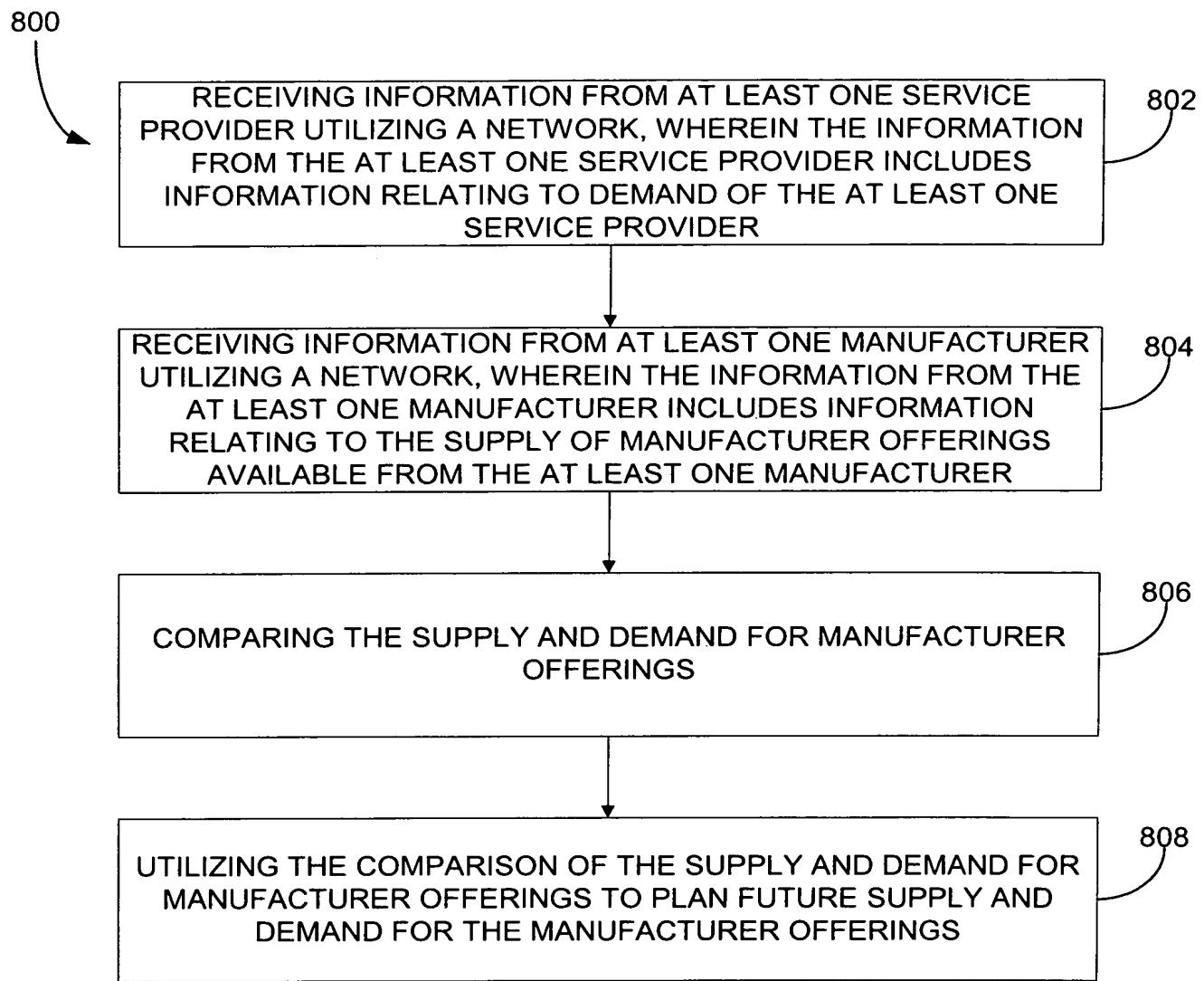


Figure 8

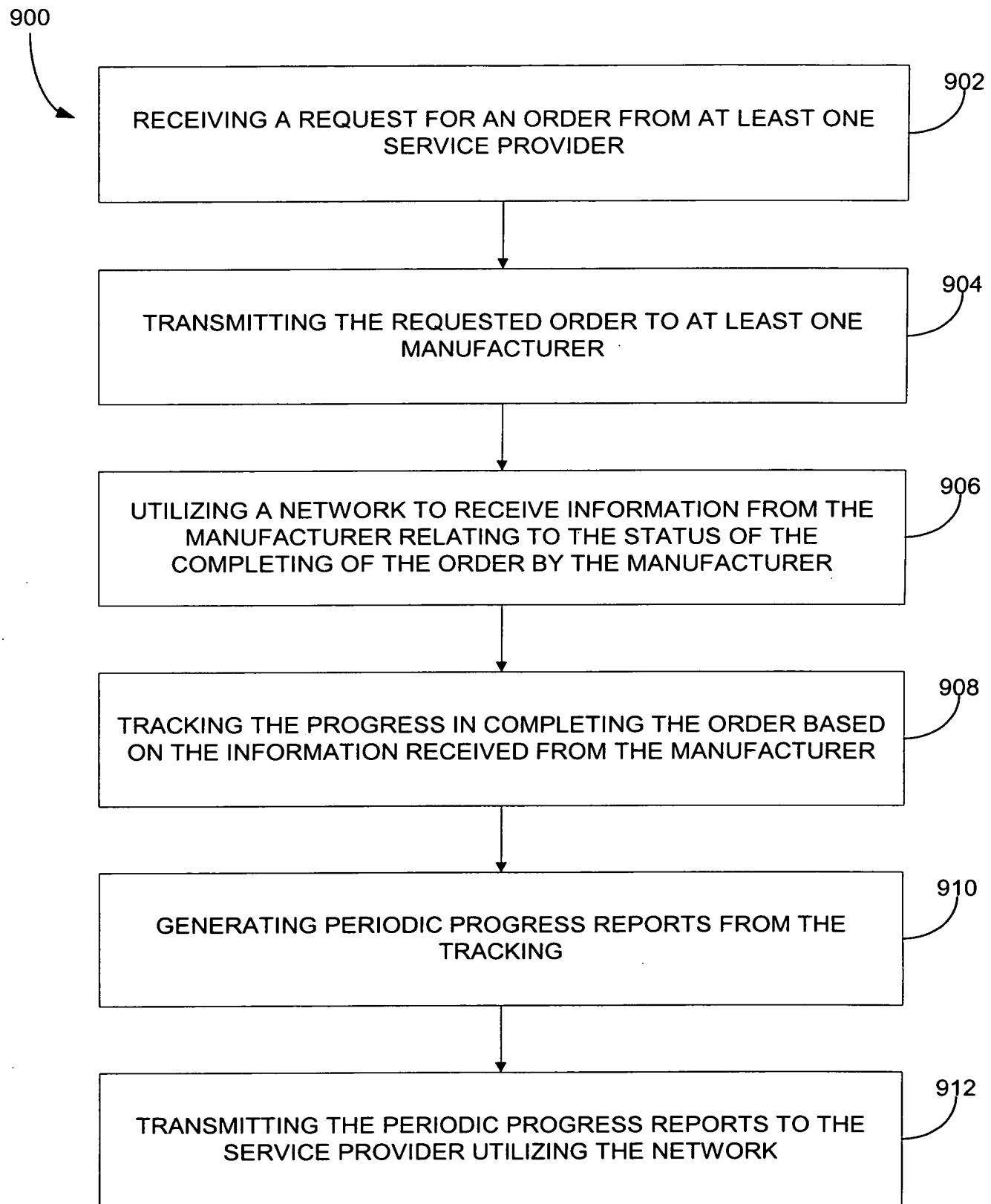


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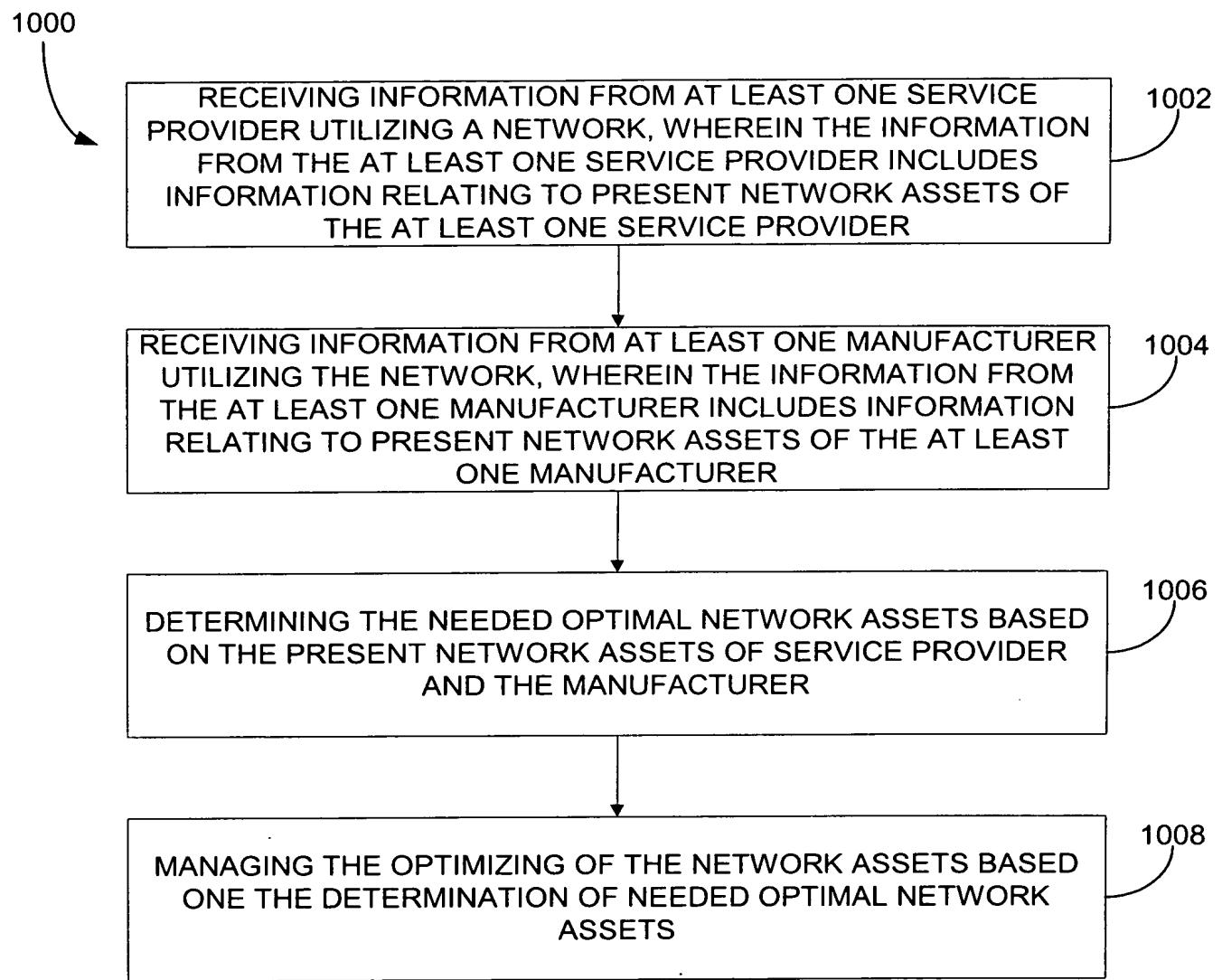


Figure 10

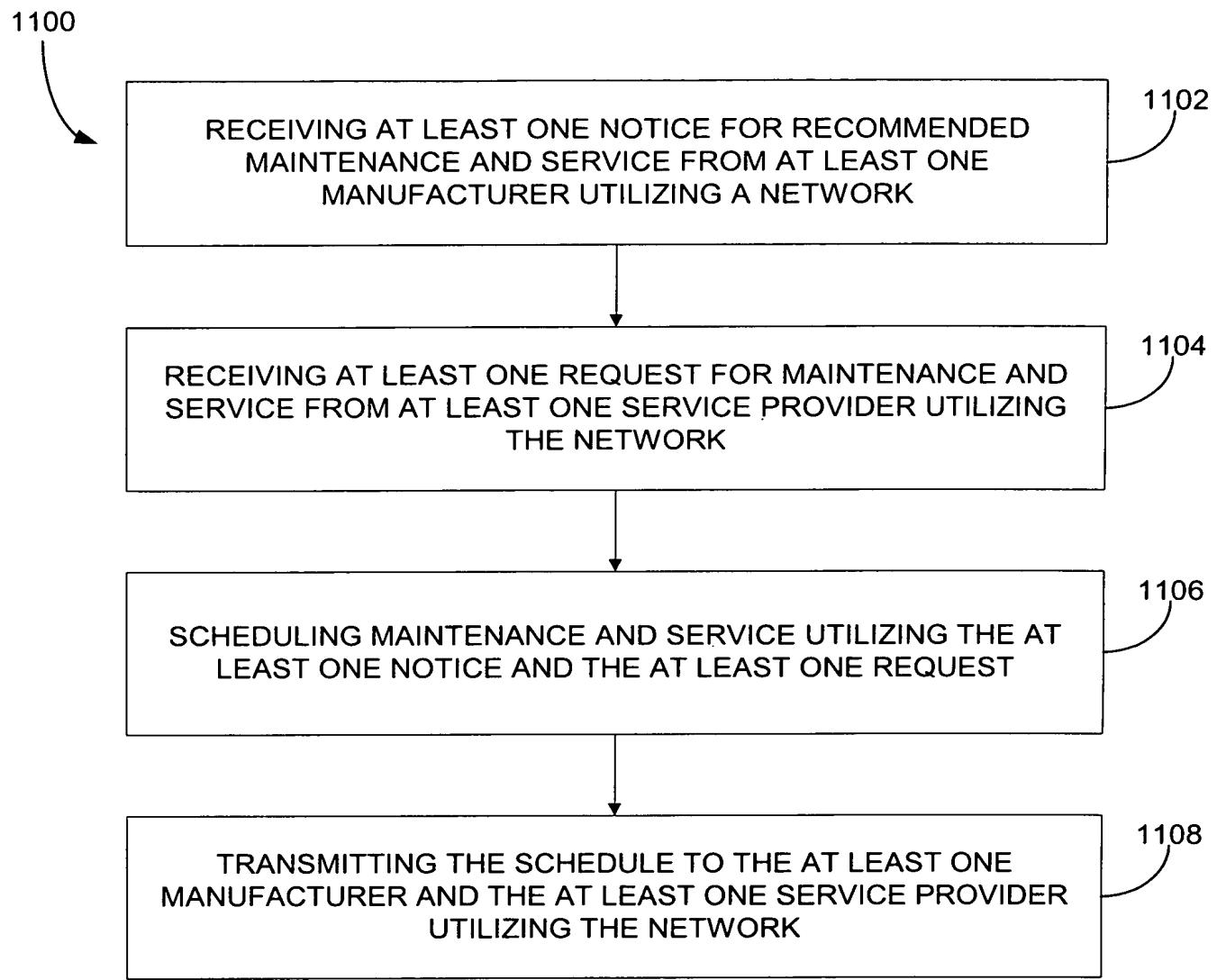


Figure 11

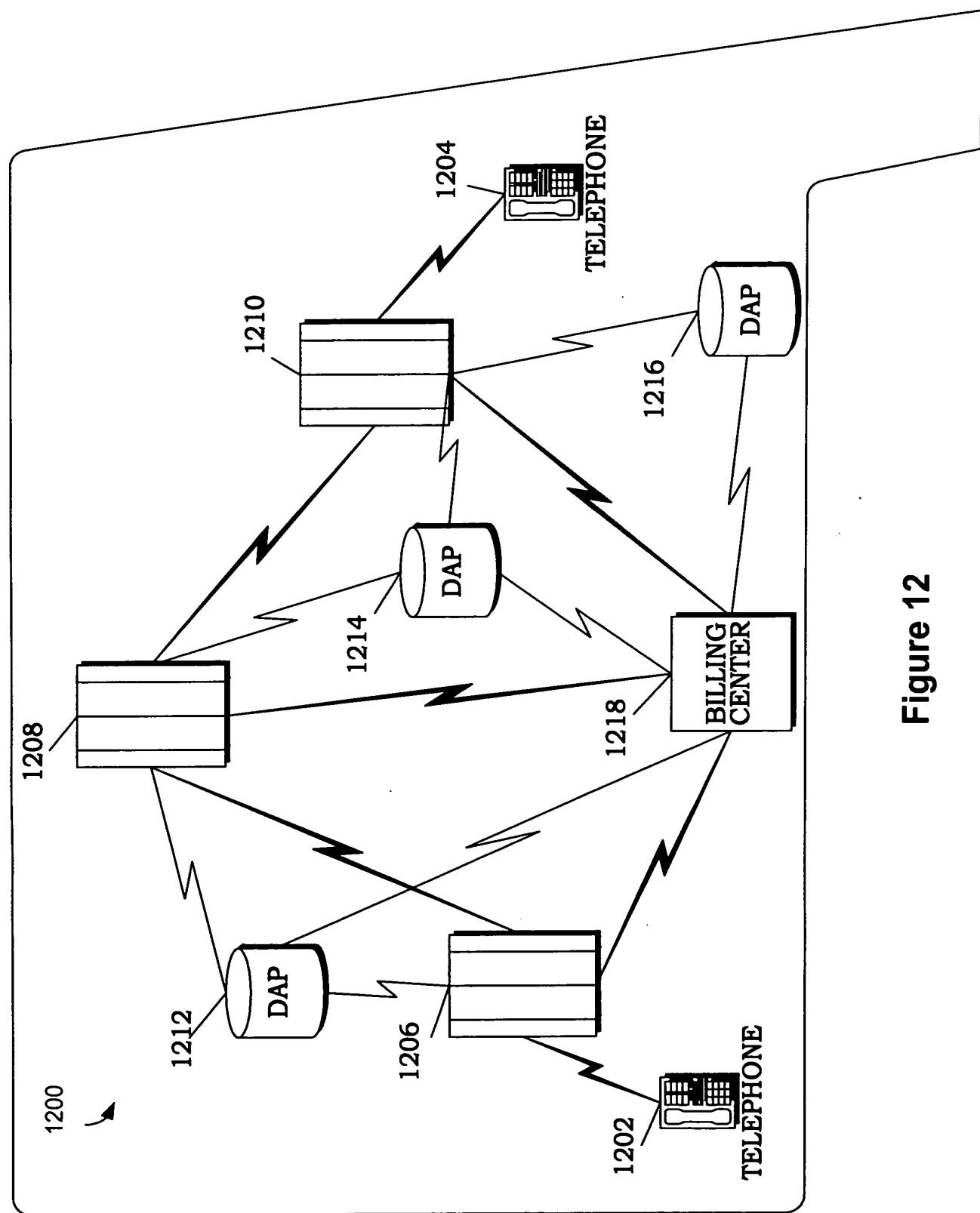


Figure 12

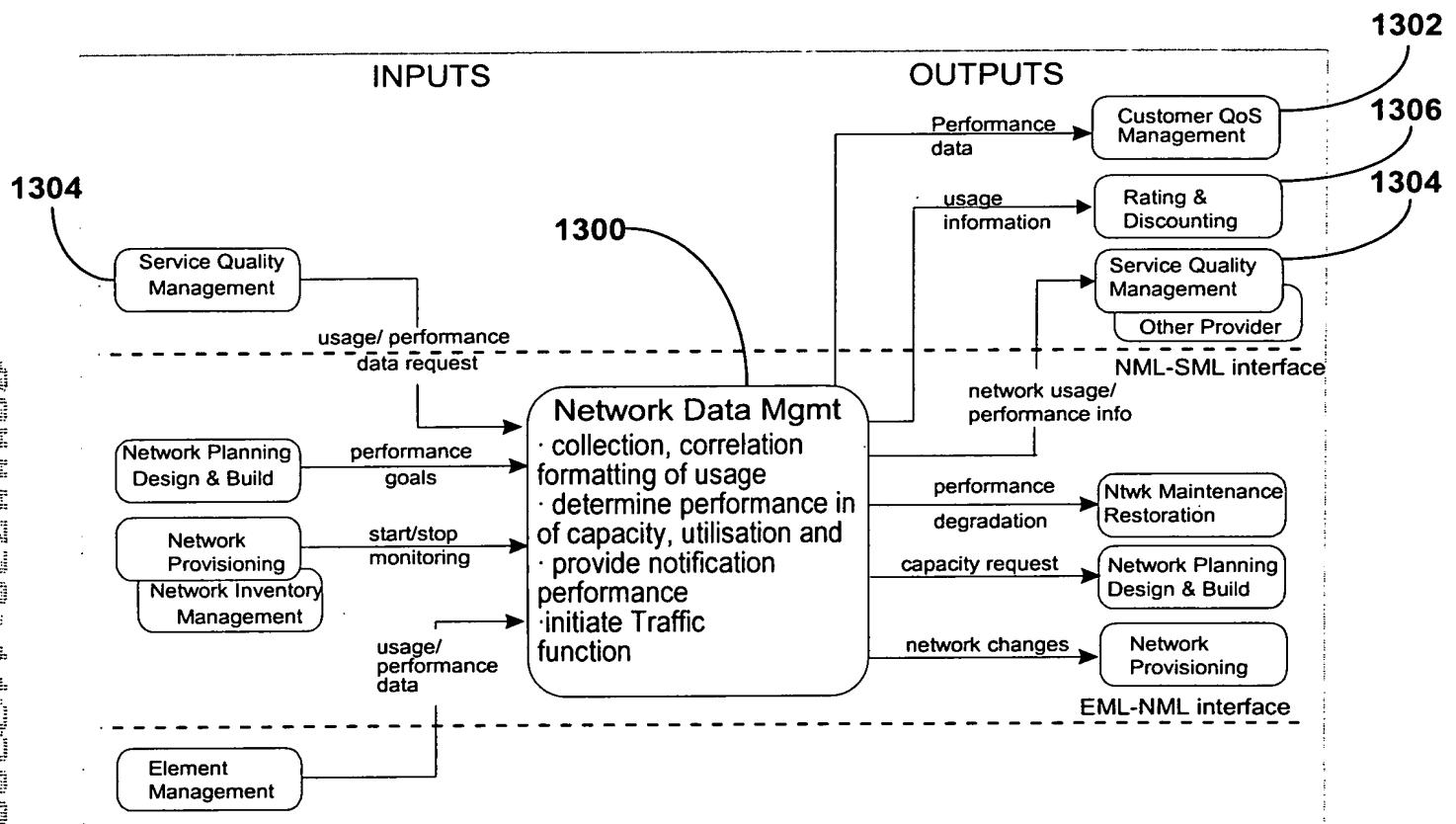


Figure 13

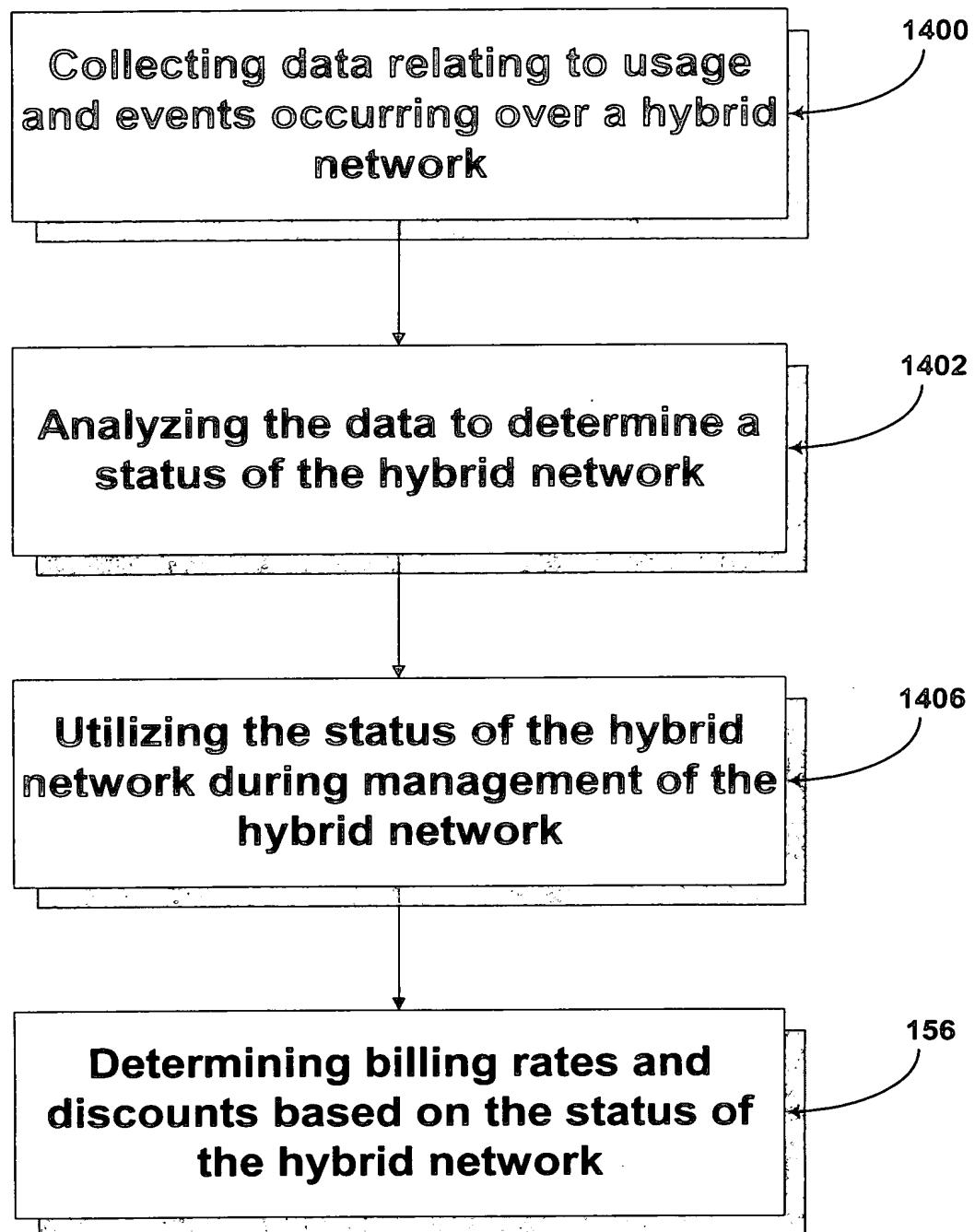


Figure 14

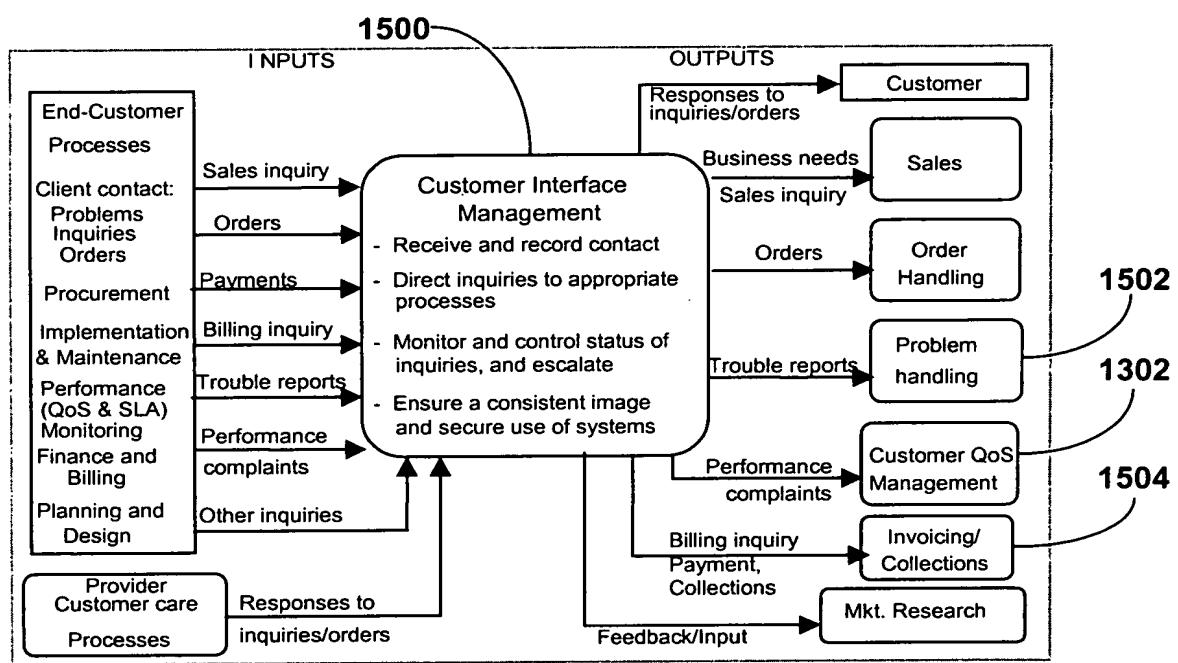


Figure 15

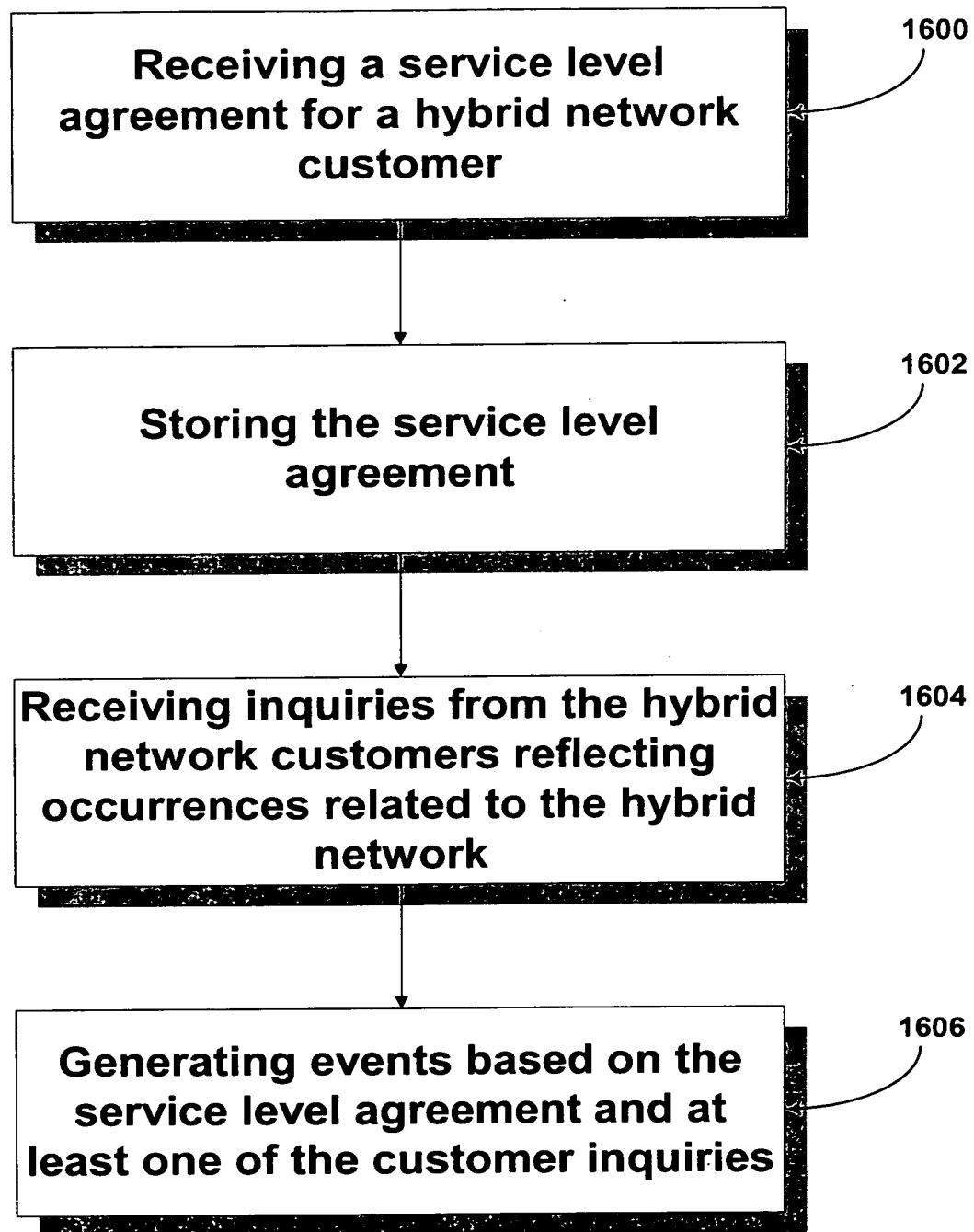


Figure 16

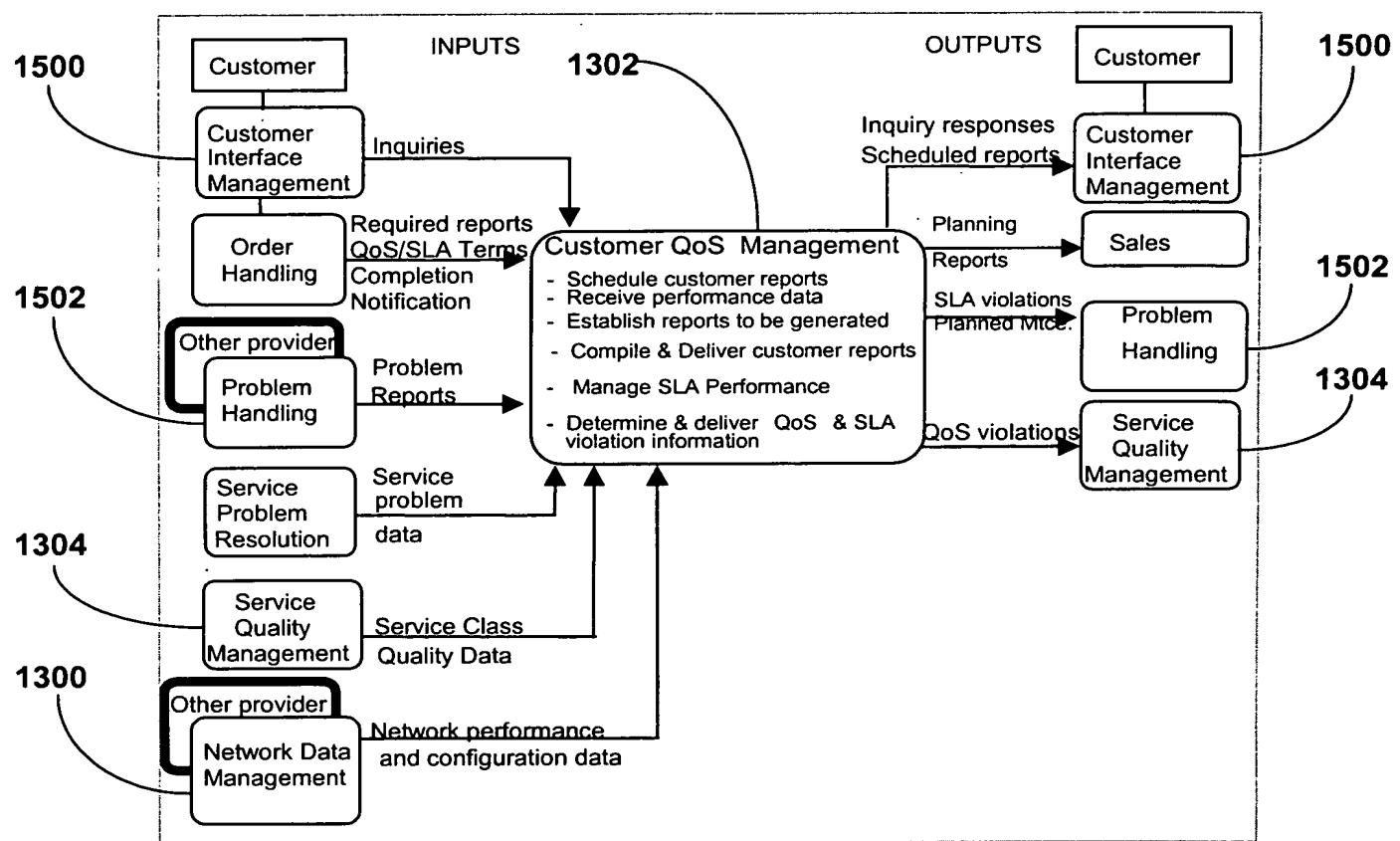


Figure 17

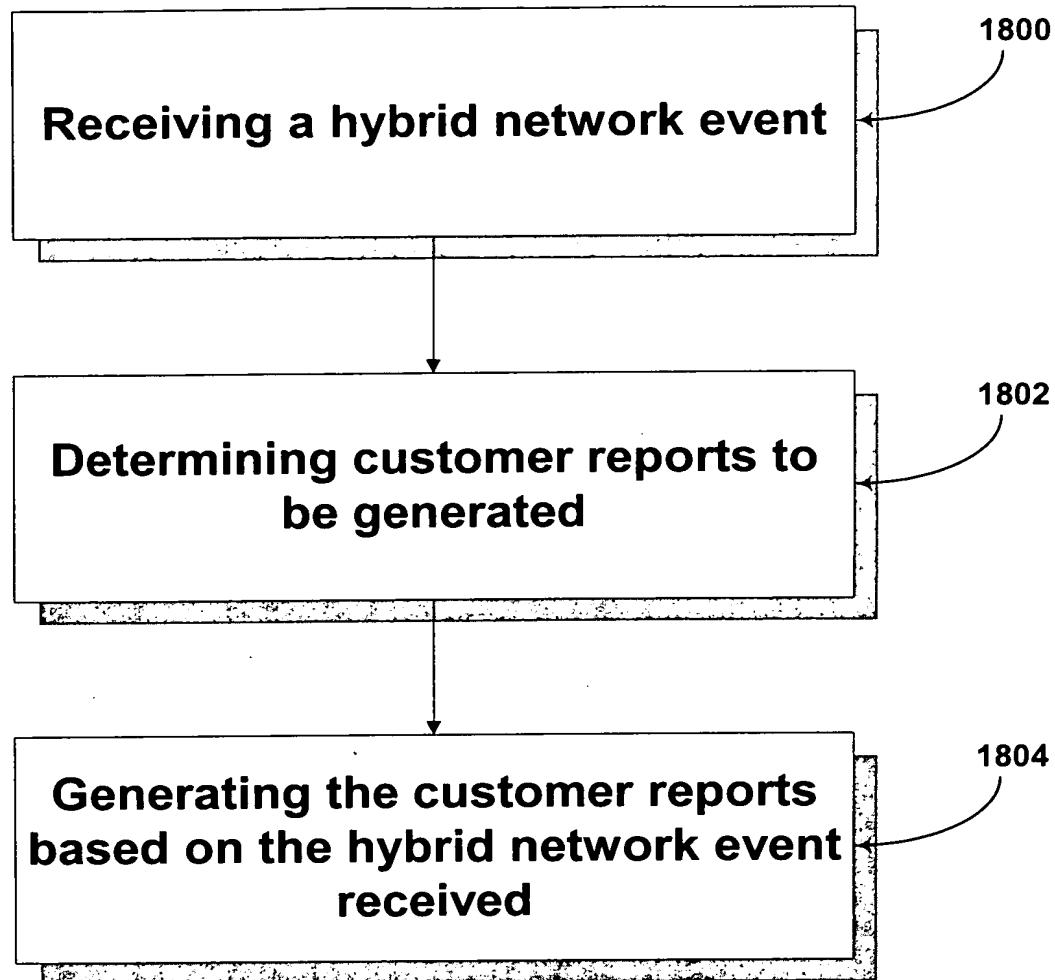


Figure 18

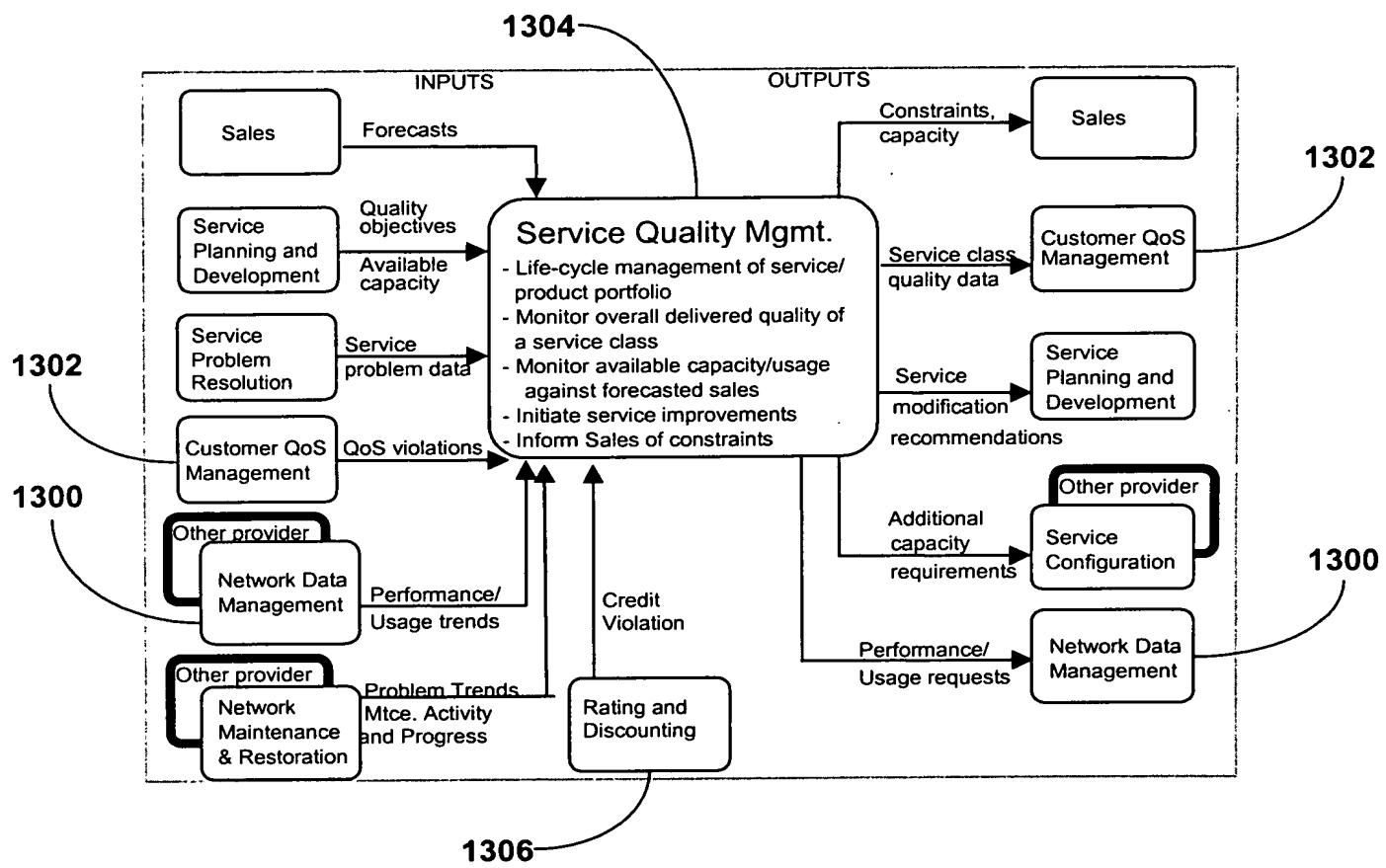


Figure 19

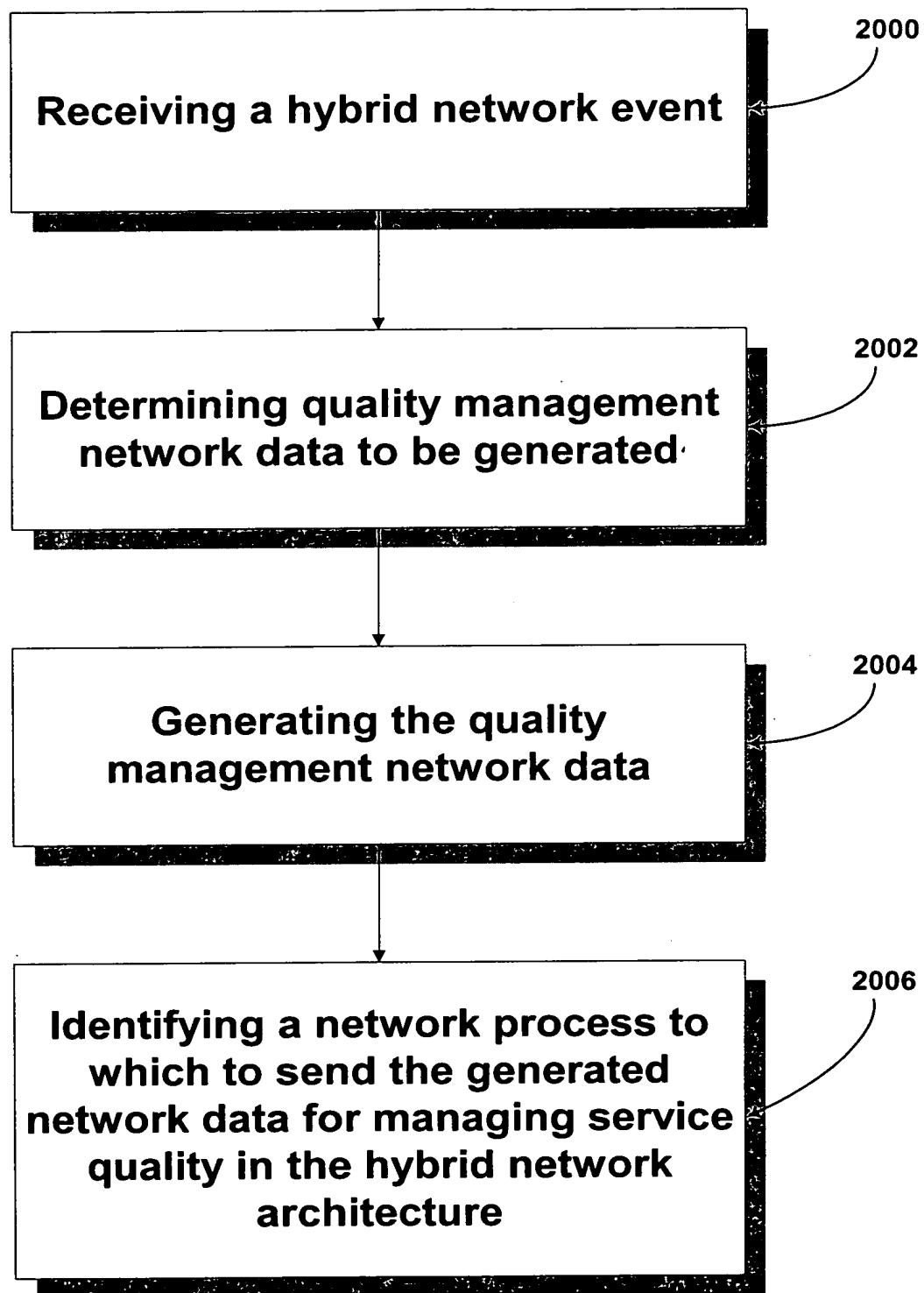


Figure 20

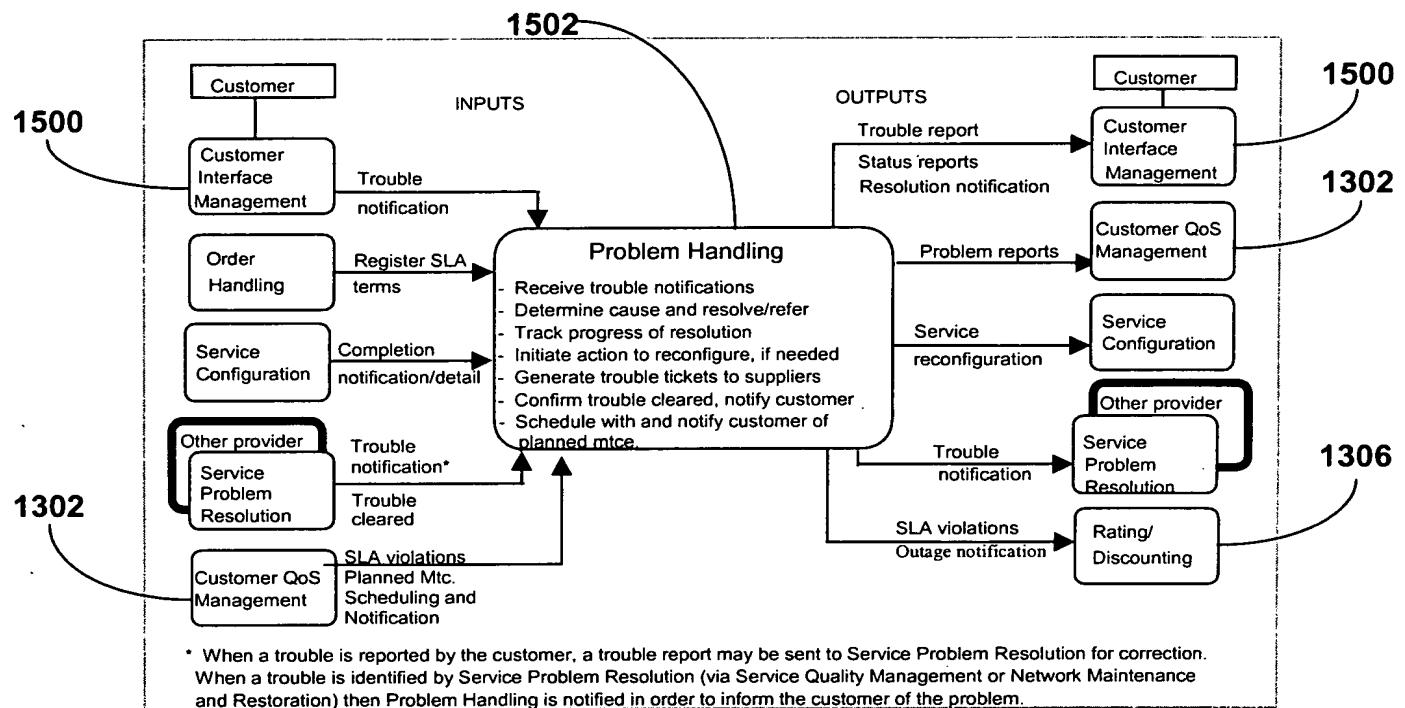


Figure 21

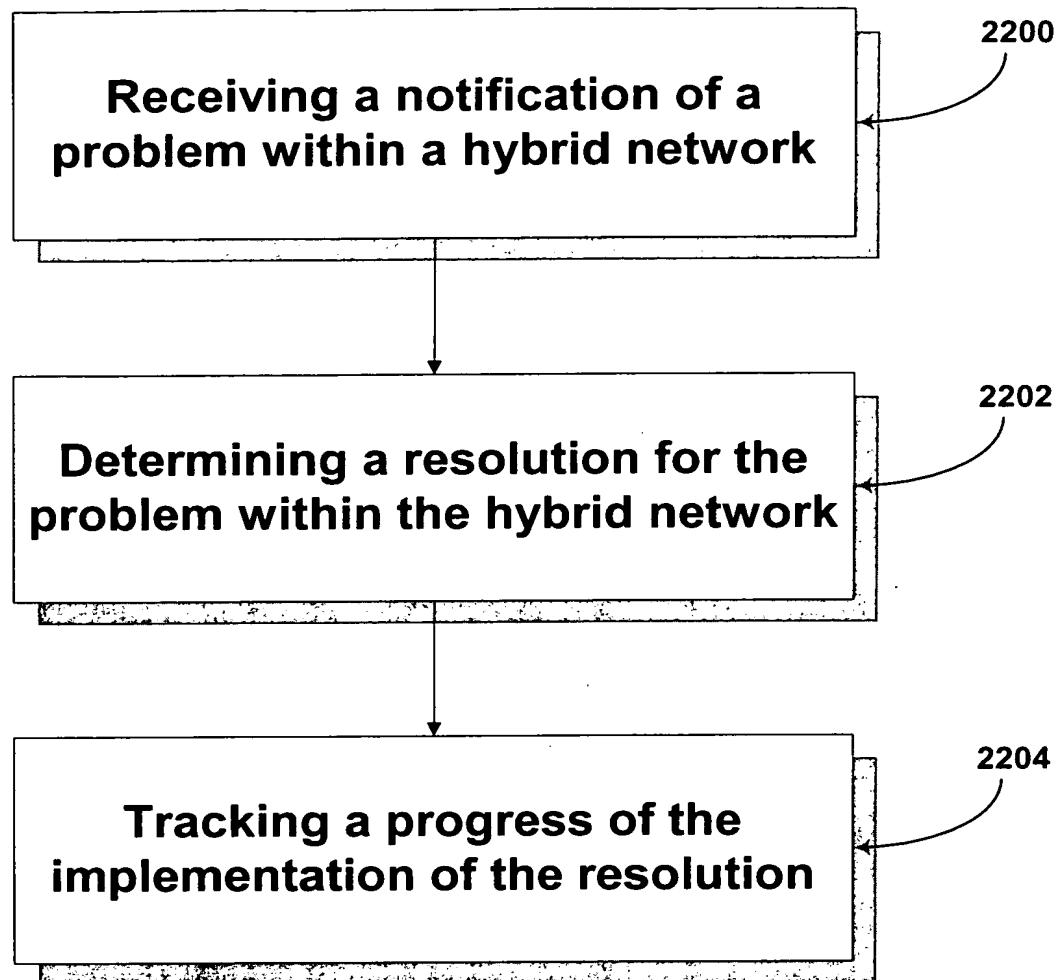


Figure 22

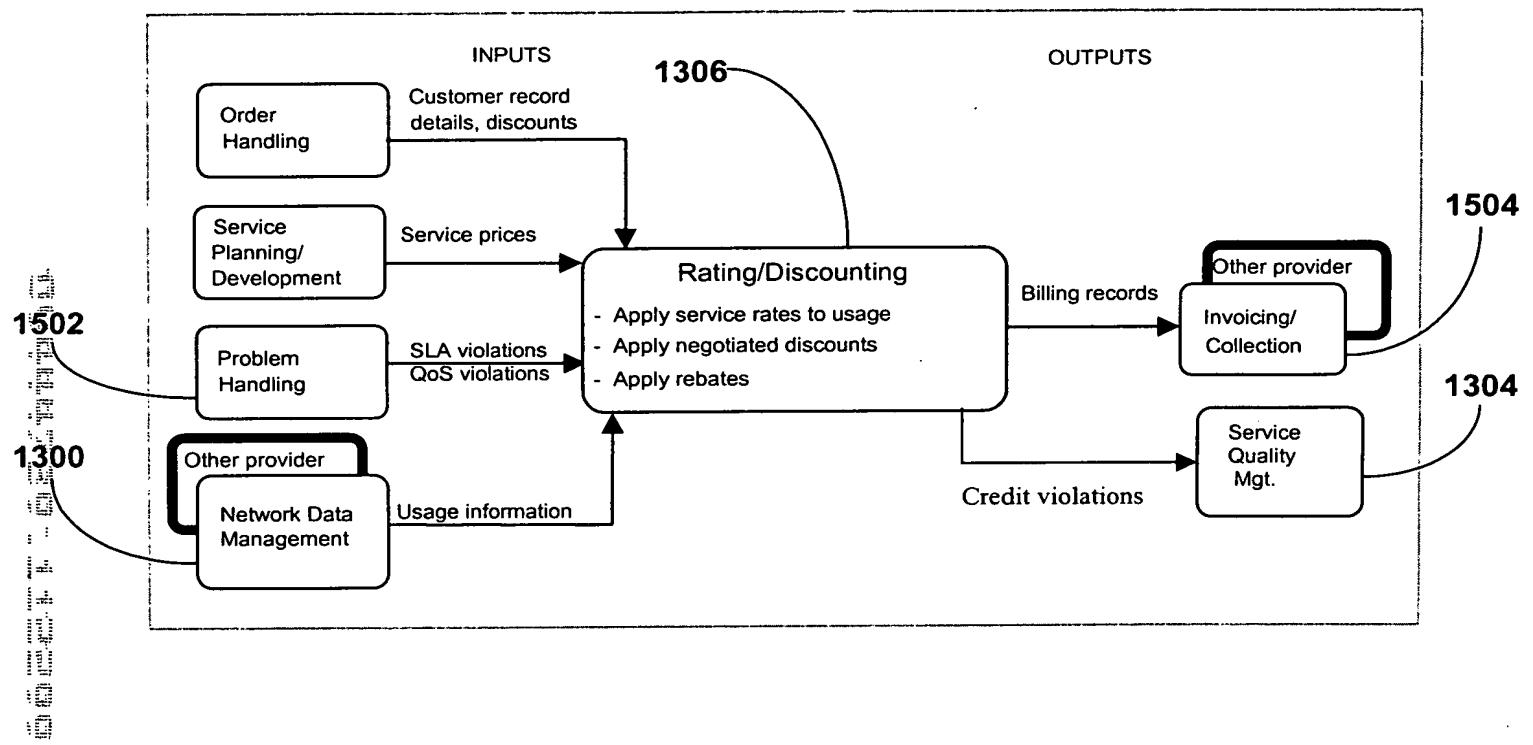


Figure 23

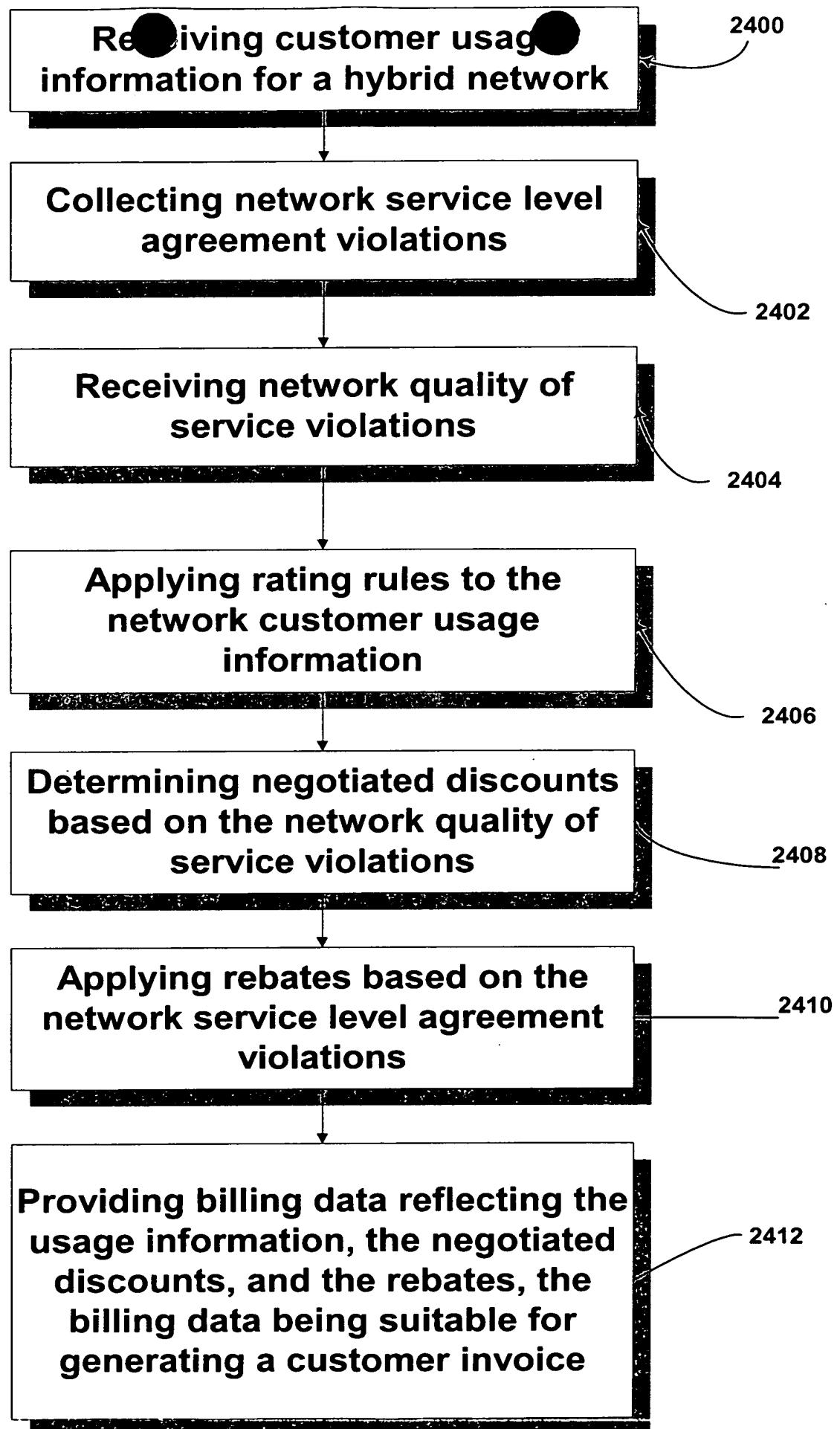


Figure 24

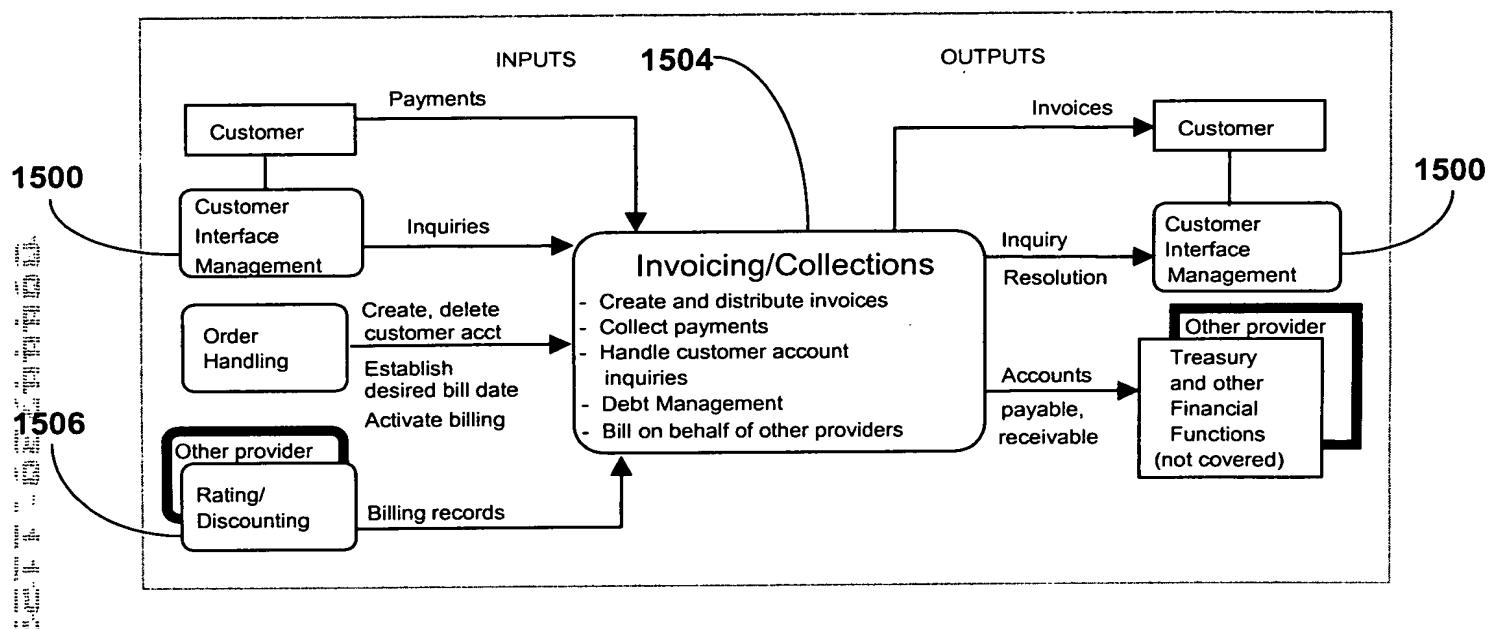


Figure 25

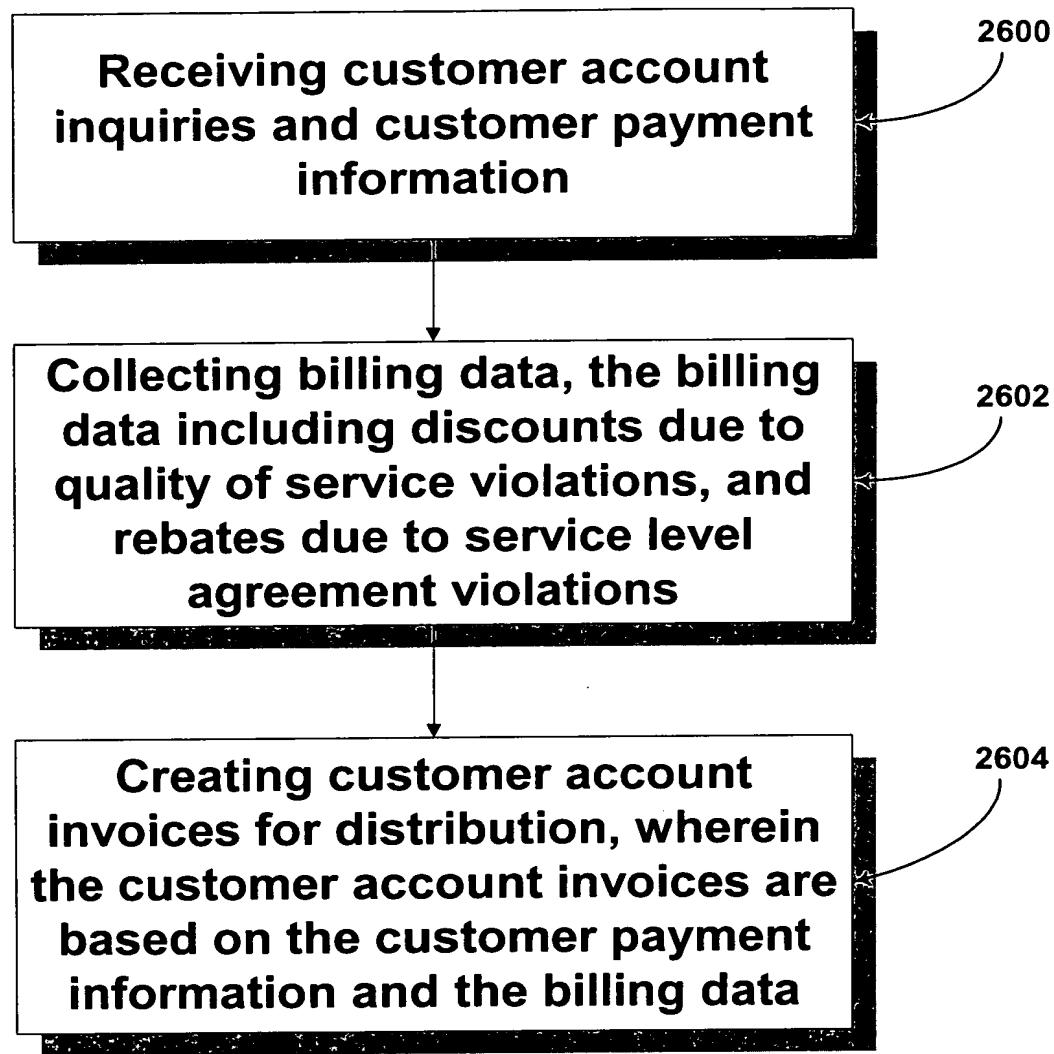


Figure 26

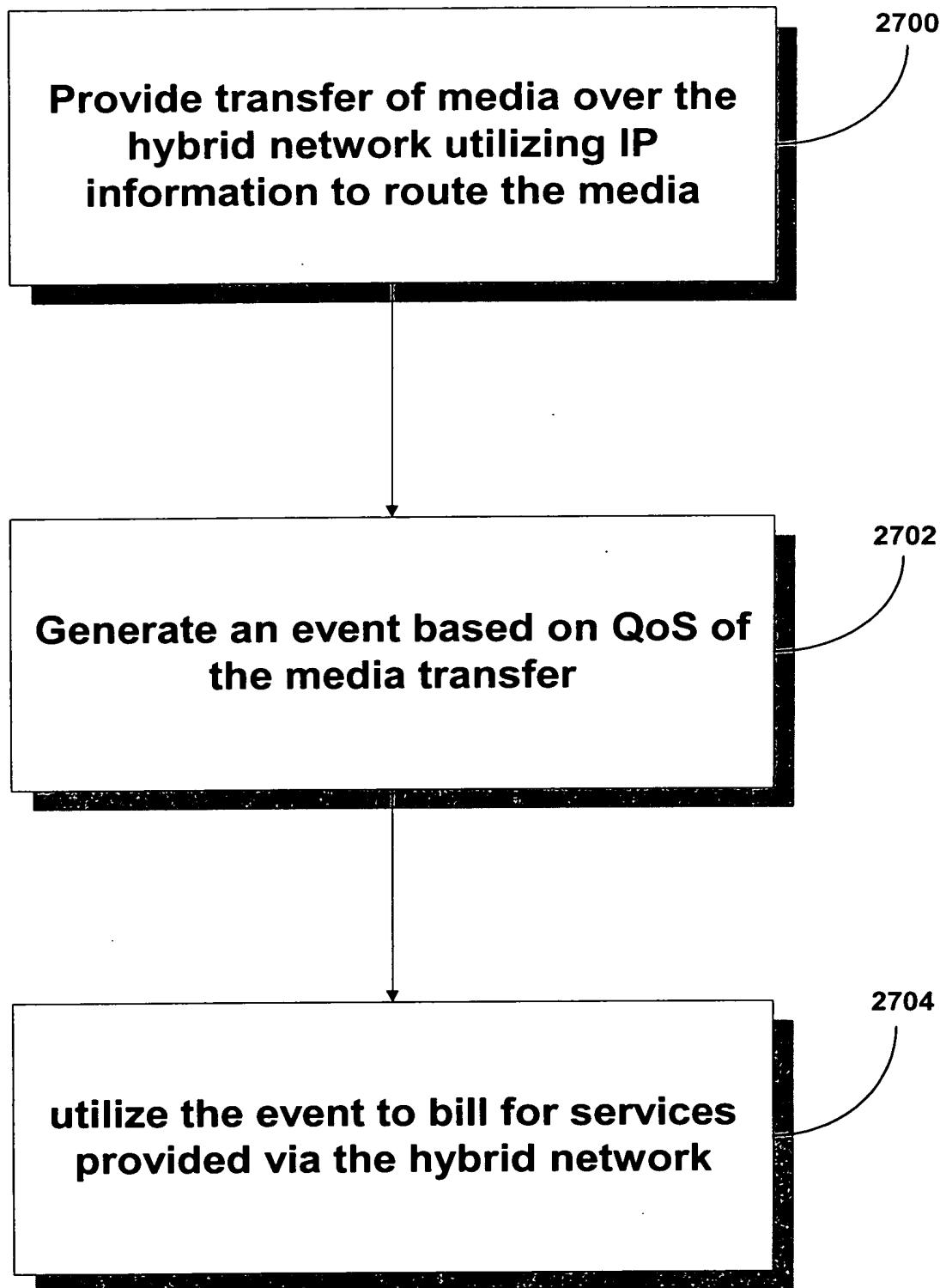


Figure 27

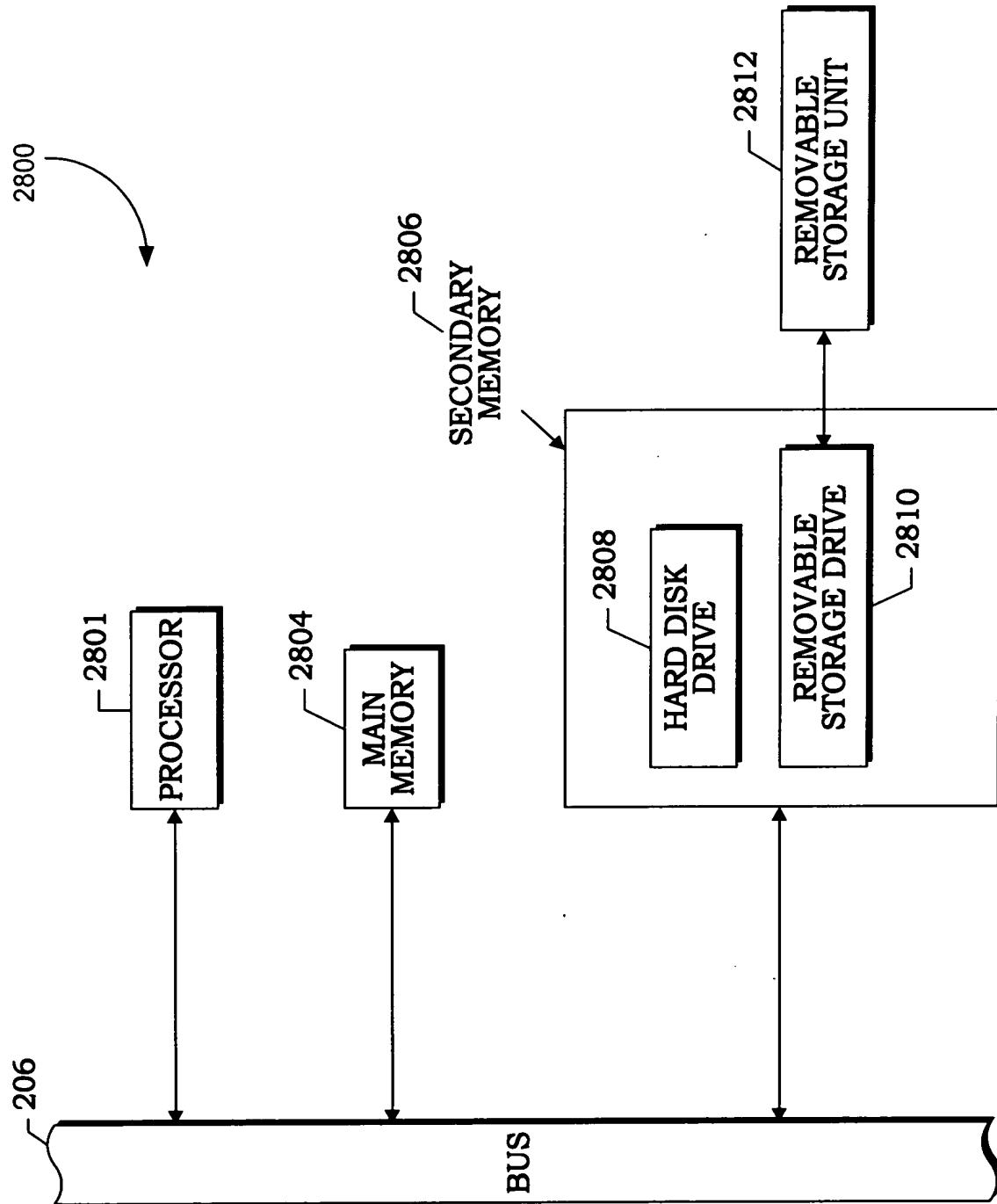


Figure 28

	MSB								LSB																								
	BITS 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15																																
WORD 00	CR ID				CD ID																												
01	TP1 BITS 0-15																																
02	TP1 BITS 16-31																																
03	TP3 BITS 0-12											TP6 0-2																					
04	TP6 BITS 3-12								TP7 BITS 0-5																								
05	TP7 BITS 6-21																																
06	OPL. ORIGINATING PORT 0-15																																
07	OP	TPL. TERMINATING PORT 0-14																															
08	TP	OTG. ORIGINATING TRUNK GROUP											TT																				
09	TERMINATING TRUNK GROUP (1-12)																																
10	TP6Q	ACTION CODE				OTC				TTC																							
11	ID1		ID2		ANI INDEX																												
12	CLI 1		CLI 2		CLI 3		CLI 4																										
13	CLI 5		CLI 6		CLI 7		CLI 8																										
14	CLI 9		CLI 10		A1		A2																										
15	A3		A4		A5		A6																										
16	A7		A8		A9		A10																										
17	A11		A12		A13		A14																										
18	A15		A16		A17		A18																										
19	A19		A20		A21		A22																										
20	D1		D2		D3		D4																										
21	D5		D6		D7		D8																										
22	D9		D10		D11		D12																										
23	D13		D14		D15		D16																										
24	D17		PTD1		PTD2		PTD3																										
25	PTD4		PTD5		PTD6		PTD7																										
26	PTD8		PTD9		PTD10																												
27	FC		TMC		KAT		TP7Q																										
28	EC, ENTRY CODE				PD		ND ID		DIVID																								
29	D0	CC	IN		SC	CD	DE	DT		SA			NOCLI																				
30	CN1		CN2		CN3		CN4																										
31	ACIF		SS7 RELEASE CODE				NCIDSEQ		NLRS																								

BIT 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15

Figure 29

WORD	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
00	CR ID										CD ID					
01											TP1 BITS 0-15					
02											TP1 BITS 16-31					
03											TP3 BITS 0-12			TP6 0-2		
04											TP6 BITS 3-12			TP7 BITS 0-5		
05											TP7 BITS 6-21					
06											OPL. ORIGINATING PORT 0-15					
07	OP										TPL. TERMINATING PORT 0-14					
08	TP										OTG. ORIGINATING TRUNK GROUP			TT		
09											TERMINATING TRUNK GROUP (1-12)			TP3Q		
10	TP6Q										ACTION CODE			OTC		TTC
11		ID1				ID2								ANI INDEX		
12		CLI 1				CLI 2								CLI 3		CLI 4
13		CLI 5				CLI 6								CLI 7		CLI 8
14		CLI 9				CLI 10								CLI11		CLI12
15		CLI13				CLI14								CLI15		A1
16		A2				A3								A4		A5
17		A6				A7								A8		A9
18		A10				A11								A12		A13
19		A14				A15								A16		A17
20		A18				A19								A20		A21
21		A22				A23								A24		A25
22		A26				A27								A28		A29
23		A30				A31								A32		A33
24		A34				A35								A36		A37
25		A38				A39								A40		A41
26		A42				A43								A44		A45
27		FC				TMC								KAT		TP7Q
28		EC, ENTRY CODE									PD			ND ID		DIVID
29	D0	MNCC	IN		SC	CD	DE	DT						SA		NOCLI
30		CN1			CN2				CN3					CN4		
31		ACIF			SS7 RELEASE CODE					NCIDSEQ				NLRS		

Figure 30

	MSB								LSB																					
WORD 32	BITS 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15																													
33																														
34	ID1	ID2		ID3		ID4																								
35	ID5	ID6		ID7		ID8																								
36	ID9	ID10		ID11		ID12																								
37	ID13	ID14		ID15		ID16																								
38	ID17	ID18		ID19		ID20																								
39	ID21	ID22		ID23		ID24																								
40	ID25	PTD1		PTD2		PTD3																								
41	PTD4	PTD5		PTD6		PTD7																								
42	PTD8	PTD9		PTD10		PTD11																								
43	PTD12	PTD13		PTD14		PTD15																								
44	EIR CALL TYPE				OVFAL				CB																					
45	OVFCL	DTA 1		DTA 2		DTA 3																								
46	DTA 4	DTA 5		DTA 6		DTA 7																								
47	DTA 8	DTA 9		DTA 10		DTA 11																								
48	DTA 12	DTA 13		DTA 14		DTA 15																								
49	OVFC		DTAC				NCID																							
50	NETWORK CALL IDENTIFIER (NCID)																													
51	NETWORK CALL IDENTIFIER (NCID)																													
52	NETWORK CALL IDENTIFIER (NCID)																													
53	NETWORK CALL IDENTIFIER (NCID)																													
54	NETWORK CALL IDENTIFIER (NCID)																													
55																														
56																														
57																														
58																														
59								OUS TYPE		OUIE																				
60	OUIE COUNT CONT.												OVFCS																	
61	ORIGINATING NX64 BITMAP (1-16)																													
62	ORIG NX64 BITMAP(17-24)								TERM NX64 BITMAP(17-24)																					
63	TERMINATING NX64 BITMAP(9-24)																													

BIT 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15

Figure 31

	MSB								LSB																														
	BITS 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15																																						
WORD 00	CR ID				CD ID																																		
01	TP1 BITS 0-15																																						
02	TP1 BITS 16-31																																						
03	TP4 BITS 0-12											TP6 0-2																											
04	TP6 BITS 3-12								TP7 BITS 0-5																														
05	TP7 BITS 6-21																																						
06	OPL. ORIGINATING PORT 0-15																																						
07	OP	TPL. TERMINATING PORT 0-14																																					
08	TP	OTG. ORIGINATING TRUNK GROUP											TT																										
09	TERMINATING TRUNK GROUP (1-12)											TP3Q																											
10	TP6Q	ACTION CODE				OTC				TTC																													
11	ID1		ID2		ONACC				TNACC																														
12	CLI 1		CLI 2		CLI 3				CLI 4																														
13	CLI 5		CLI 6		CLI 7				CLI 8																														
14	CLI 9		CLI 10		A1				A2																														
15	A3		A4		A5				A6																														
16	A7		A8		A9				A10																														
17	A11		A12		A13				A14																														
18	A15		A16		A17				A18																														
19	A19		A20		A21				A22																														
20	D1		D2		D3				D4																														
21	D5		D6		D7				D8																														
22	D9		D10		D11				D12																														
23	D13		D14		D15				D16																														
24	D17		OPIN																																				
25	OPIN		TPS BITS 0-12																																				
26	RN1		RN2		RN3				RN4																														
27	FC		TMC		KAT				TP7Q																														
28	EC, ENTRY CODE				PD		ND ID		DIVID																														
29	D0	CC	IN	SC	CD	DE	DT	PP	XCSA	NOCLI																													
30	CN1		CN2		CN3				CN4																														
31	ACIF		SS7 RELEASE CODE				NCIDSEQ		NLRS																														

Figure 32

	MSB	LSB																										
	BITS 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15																											
WORD 00	CR ID		CD ID																									
01	TP1 BITS 0-15																											
02	TP1 BITS 16-31																											
03	TP4 BITS 0-12													TP6 0-2														
04	TP6 BITS 3-12								TP7 BITS 0-5																			
05	TP7 BITS 6-21																											
06	OPL. ORIGINATING PORT 0-15																											
07	OP	TPL. TERMINATING PORT 0-14																										
08	TP	OTG. ORIGINATING TRUNK GROUP													TT													
09	TERMINATING TRUNK GROUP (1-12)													TP3Q														
10	TP6Q	ACTION CODE				OTC				TTC																		
11	ID1		ID2		ONACC				TNACC																			
12	CLI 1		CLI 2		CLI 3				CLI 4																			
13	CLI 5		CLI 6		CLI 7				CLI 8																			
14	CLI 9		CLI 10		CLI 11				CLI 12																			
15	CLI 13		CLI 14		CLI 15				A1																			
16	A2		A3		A4				A5																			
17	A6		A7		A8				A9																			
18	A10		A11		A12				A13																			
19	A14		A15		A16				A17																			
20	A18		A19		A20				A21																			
21	A22		A23		A24				A25																			
22	A26		A27		A28				A29																			
23	A30		A31		A32				A33																			
24	A34		A35		A36				A37																			
25	A38		A39		A40				A41																			
26	A42		A43		A44				A45																			
27	FC		TNC		KAT				TF7Q																			
28	EC, ENTRY CODE					PD		ND ID			DIVID																	
29	DOM	MM	CC	IN		SC	CD	DE	DT	PP	XC	SA		NOCLI														
30	CN1		CN2		CN3				CN4																			
31	ACIF		SS7 RELEASE CODE					NCIDSEQ			NLRS																	

BITS 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15

EOSR/EPOSR FORMAT

Figure 33

	MSB				LSB											
BITS	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
32	T&C GUEST 1				T&C GUEST 2											
33	T&C GUEST 3				T&C GUEST 4											
34	ID1	ID2			ID3			ID4								
35	ID5	ID6			ID7			ID8								
36	ID9	ID10			ID11			ID12								
37	ID13	ID14			ID15			ID16								
38	ID17	ID18			ID19			ID20								
39	ID21	ID22			ID23			ID24								
40	ID25	PTD1			PTD2			PTD3								
41	PTD4	PTD5			PTD6			PTD7								
42	PTD8	PTD9			PTD10			PTD11								
43	PTD12	PTD13			PTD14			PTD15								
44	EIR CALL TYPE				OVFAL				CB							
45	OVFCL	DTA 1			DTA 2			DTA 3								
46	DTA 4	DTA 5			DTA 6			DTA 7								
47	DTA 8	DTA 9			DTA 10			DTA 11								
48	DTA 12	DTA 13			DTA 14			DTA 15								
49	OVFC				DTAC					NCID						
50	NETWORK CALL IDENTIFIER (NCID)															
51	NETWORK CALL IDENTIFIER (NCID)															
52	NETWORK CALL IDENTIFIER (NCID)															
53	NETWORK CALL IDENTIFIER (NCID)															
54	NETWORK CALL IDENTIFIER (NCID)															
55	T&C ROOM 1				T&C ROOM 2											
56	T&C ROOM 3				T&C ROOM 4											
57	T&C ROOM 5				T&C ROOM 6											
58	EAC1	EAC2			EAC3			EAC4								
59	EAC5	EAC6			EAC7			EAC8								
60	EAC9	EAC10			EAC11			EAC12								
61	OPIN												OVFCS			
62	TP5-OPERATOR RELEASE															
63	RN1	RN2			RN3			RN4								
BIT	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15

Figure 34

	BIT	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	MSB	LSB
WORD 00		CR ID	SYNC WORD (MINUS 2, OCTAL 7776)																
	01	CDID, CALL DISCONNECT I.D. NUMBER (0-15)																	
	02	CDID, CALL DISCONNECT I.D. NUMBER (16-31)																	
	03	SWID 1	SWID 2	SWID 3															
	04	ST-SWITCH TYPE	EQ-EVENT QUALIFIER																
	05	SERIT-SER EVENT TIME (0-15)																	
	06	SERIT-SER EVENT TIME (16-31)																	
	07		FCDID-FIRST RECORD CDID (12 LSAs)																
	08		LCDID-LAST RECORD CDID (12 LSAs)																
	09		NCDID-NEXT RECORD CDID (12 LSAs)																
	10	NBSN-NEMAS BLOCK SEQUENCE NUMBER																	
	11	PT-PREVIOUS TIME (0-15)																	
	12	PT-PREVIOUS TIME (16-31)																	
	13	SI	TIME OFFSET																
	14																		
	15																		
	16	SOFTWARE LOAD ID1	SOFTWARE LOAD ID2																
	17	SOFTWARE LOAD ID3	SOFTWARE LOAD ID4																
	18	SOFTWARE LOAD ID5	SOFTWARE LOAD ID6																
	19	LAST PATCHS/PR RLS1	LAST PATCHS/PR RLS2																
	20	QCDR	QSCDR																
	21	QPMR	QSPMR																
	22	QOSR	QSOSR																
	23	QPOSR	QSPOSR																
	24	QSER	CNPN																
	25	CDR THROTTLE START TIME (0-15)																	
	26	CDR THROTTLE START TIME (16-31)																	
	27	CDR THROTTLE STOP TIME (0-15)																	
	28	CDR THROTTLE STOP TIME (16-31)																	
	29		FORMAT VER.																
	30	THROTTLE COUNT (0-15)																	
	31	THROTTLE COUNT (16-31)																	

BIT 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15

Figure 35

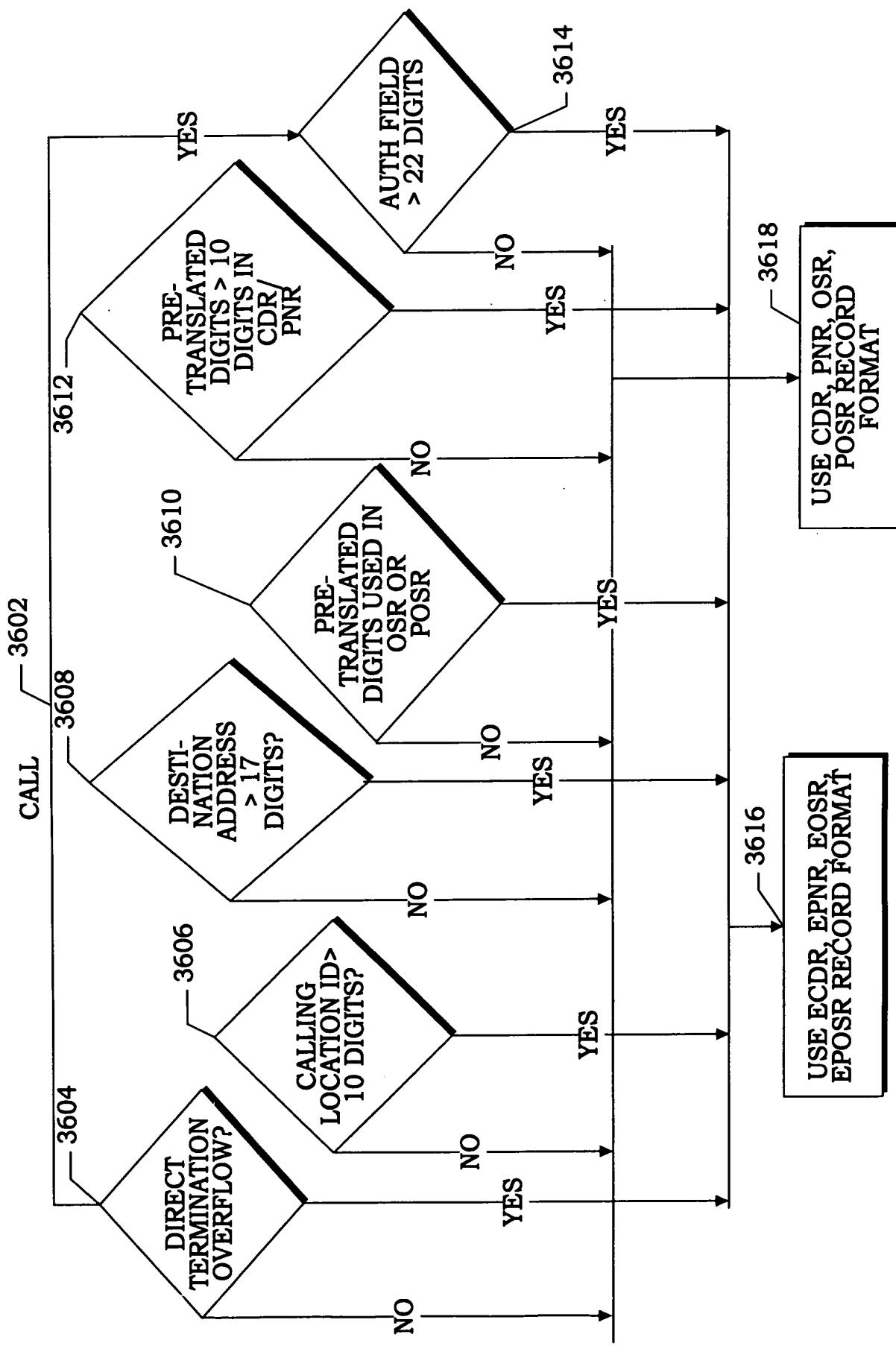


Figure 36

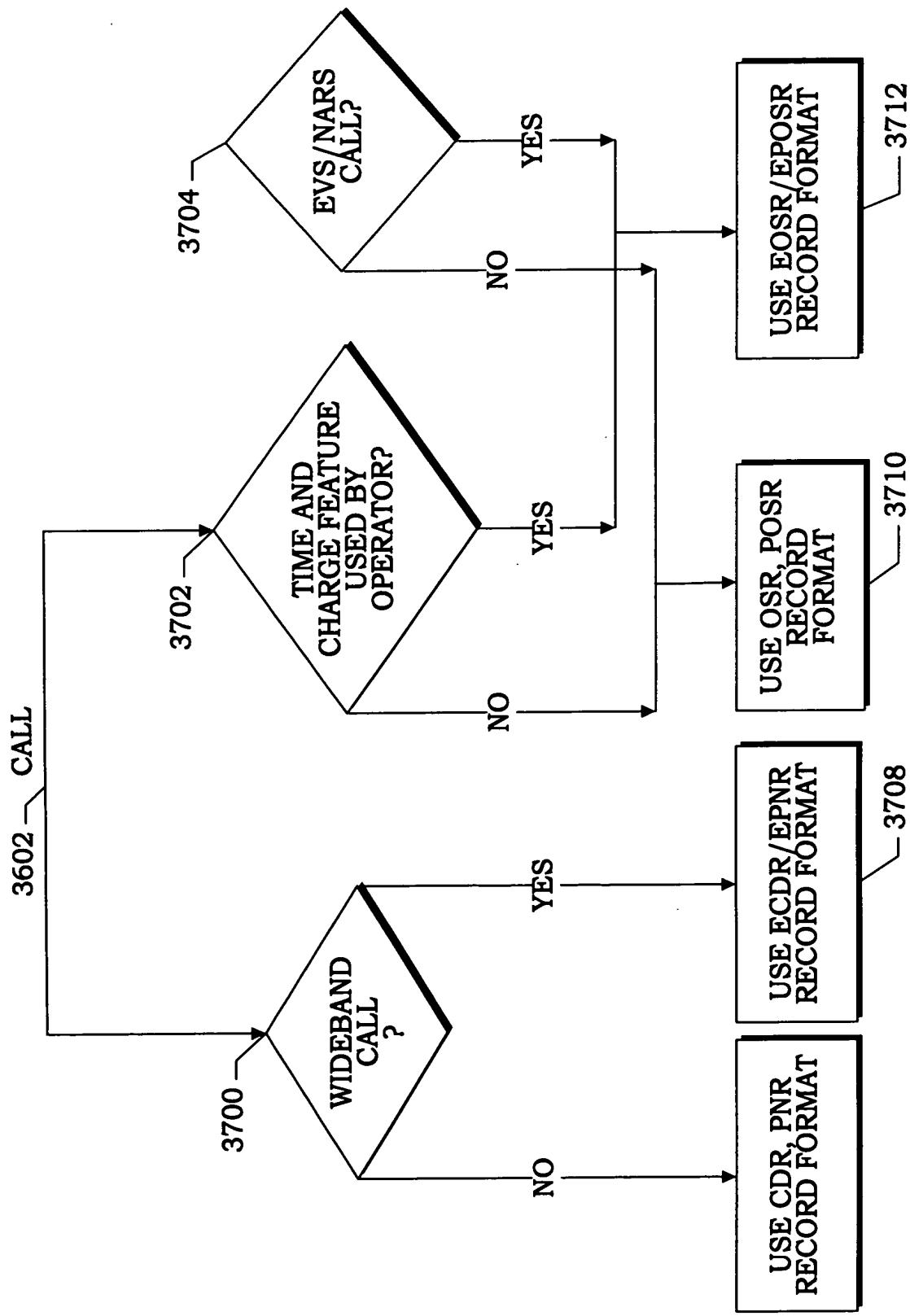


Figure 37

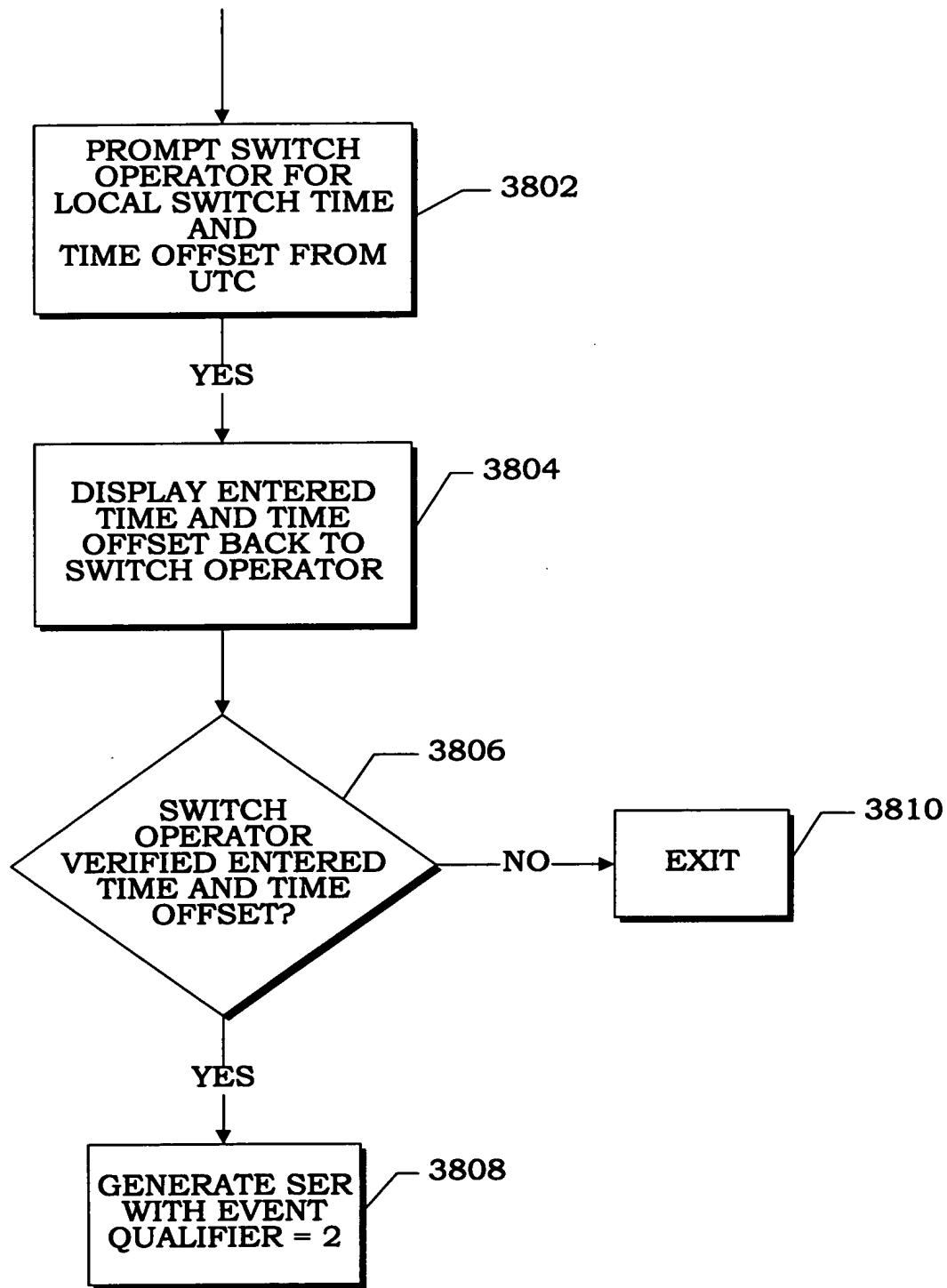


Figure 38

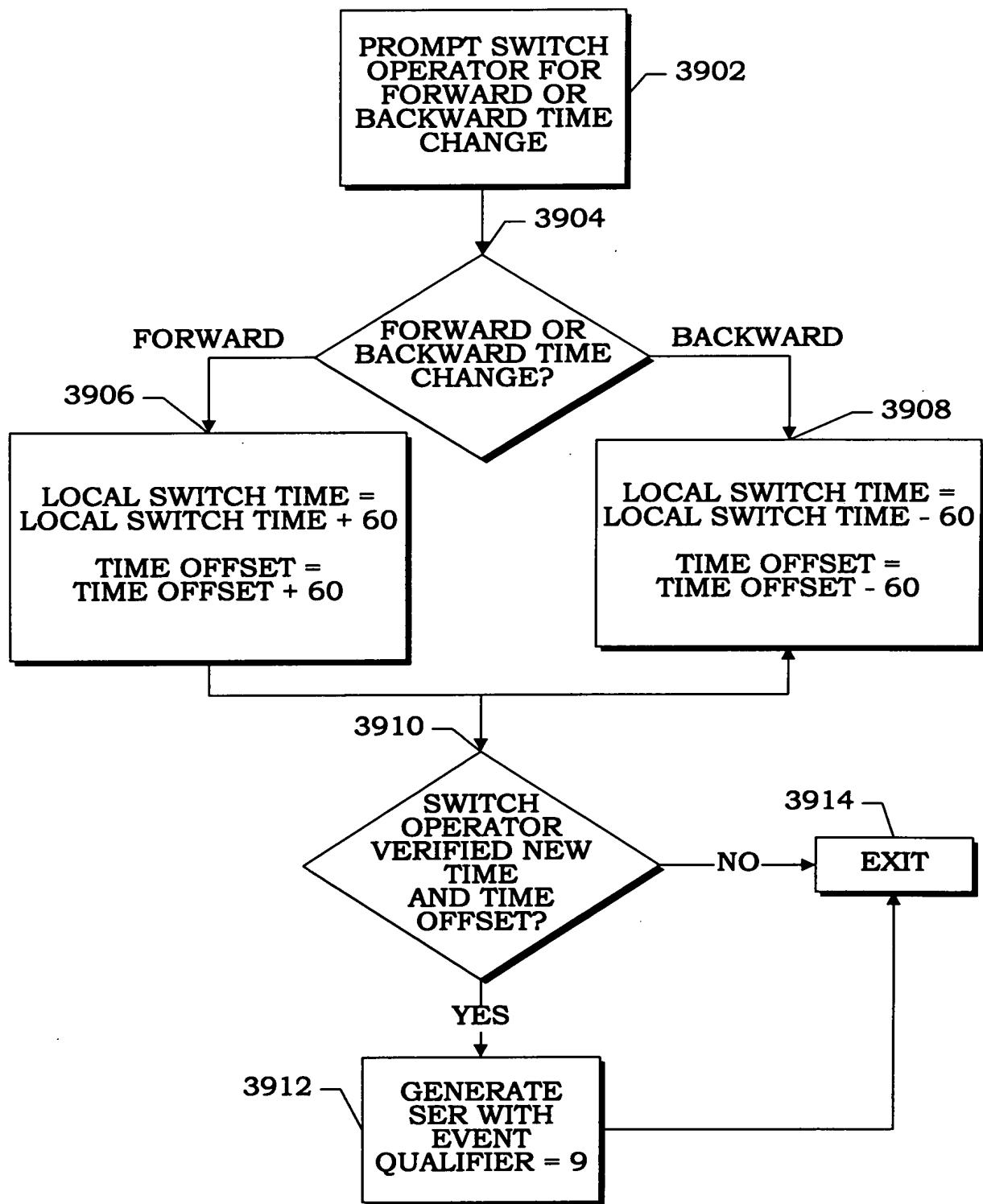


Figure 39

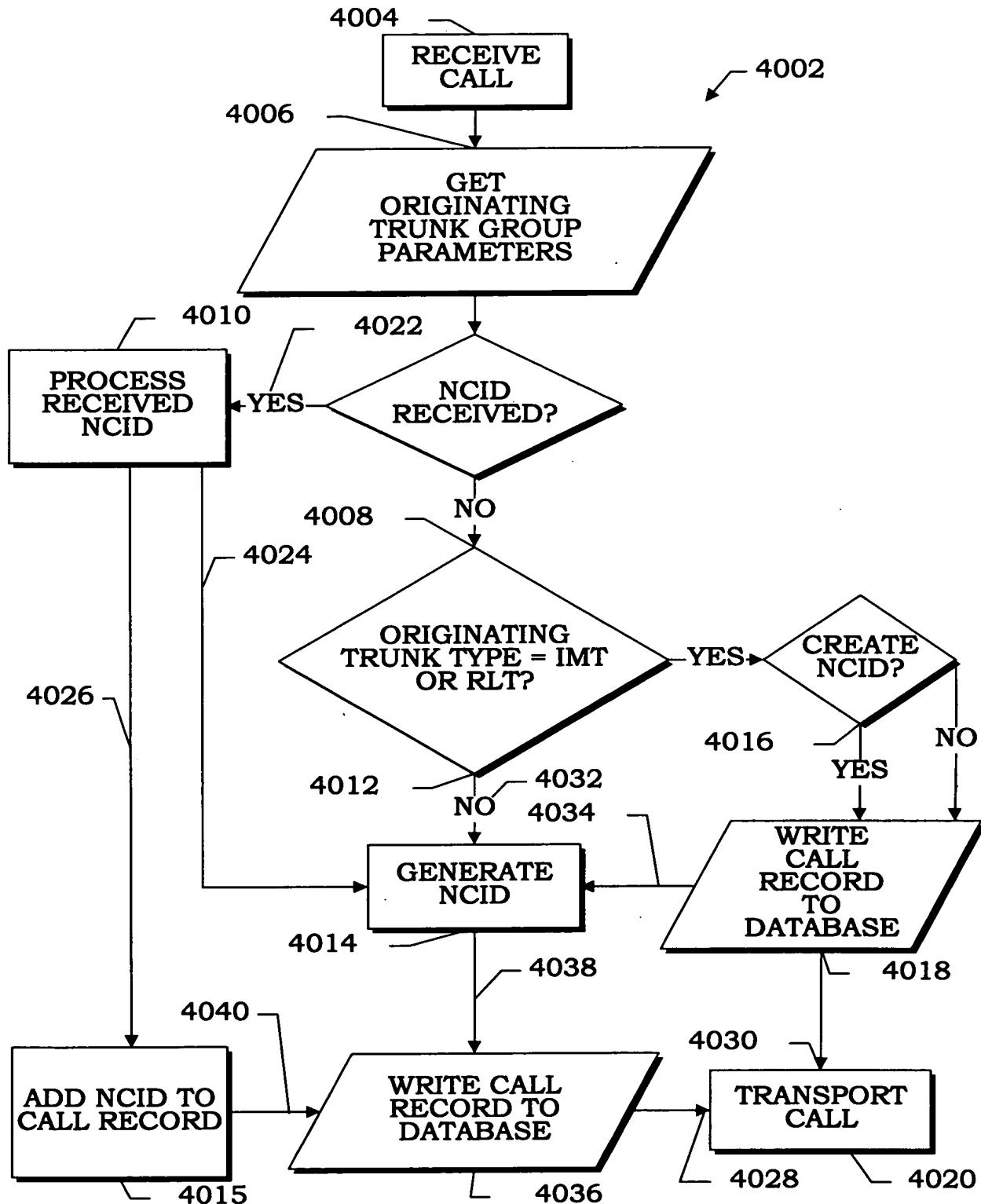


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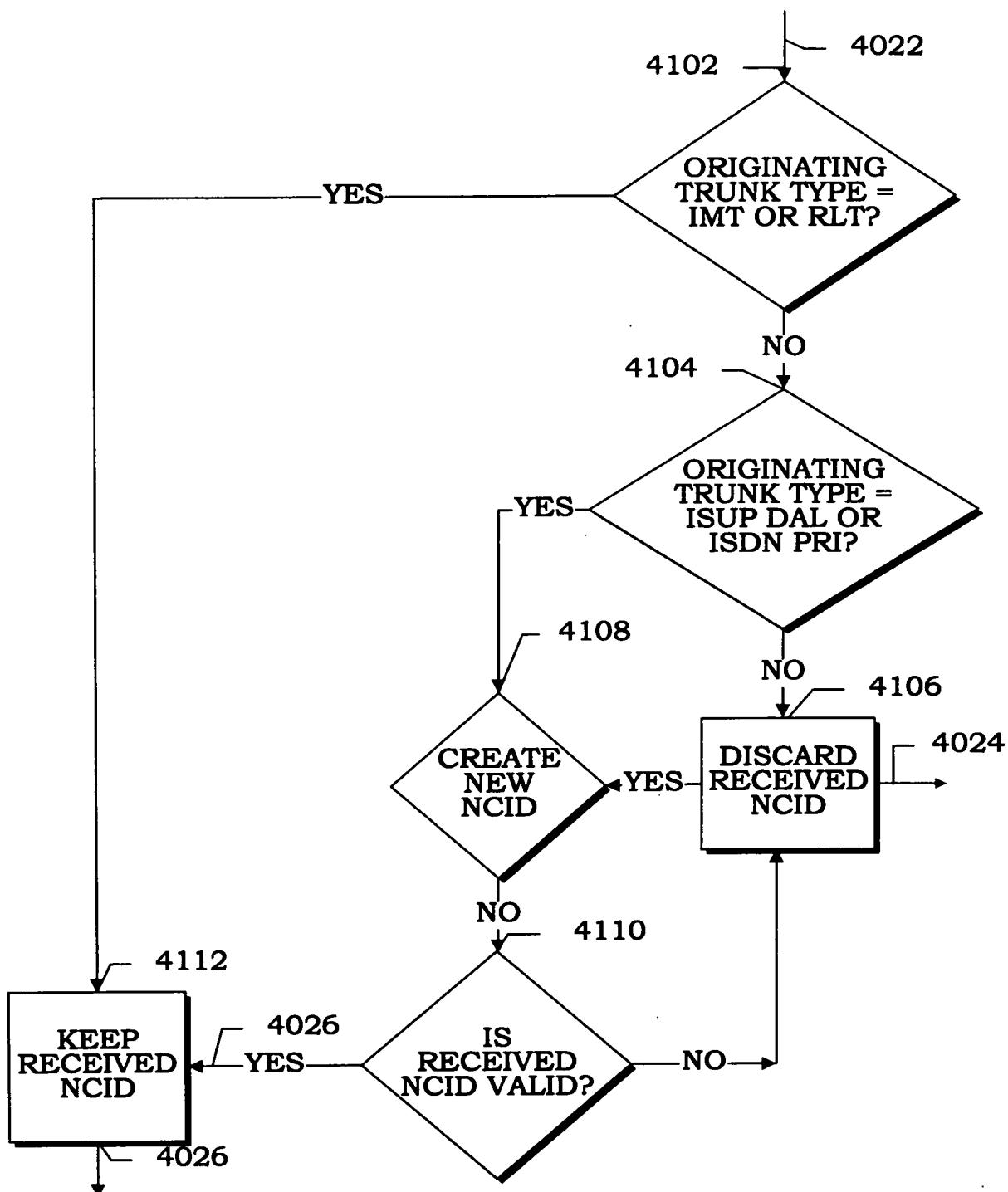


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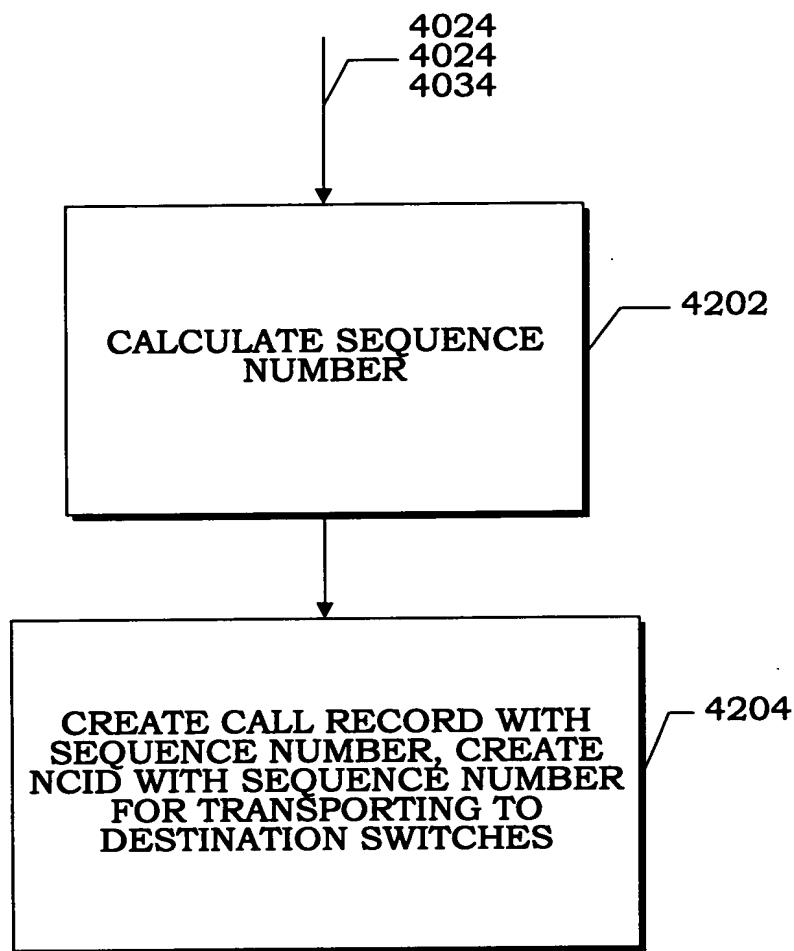


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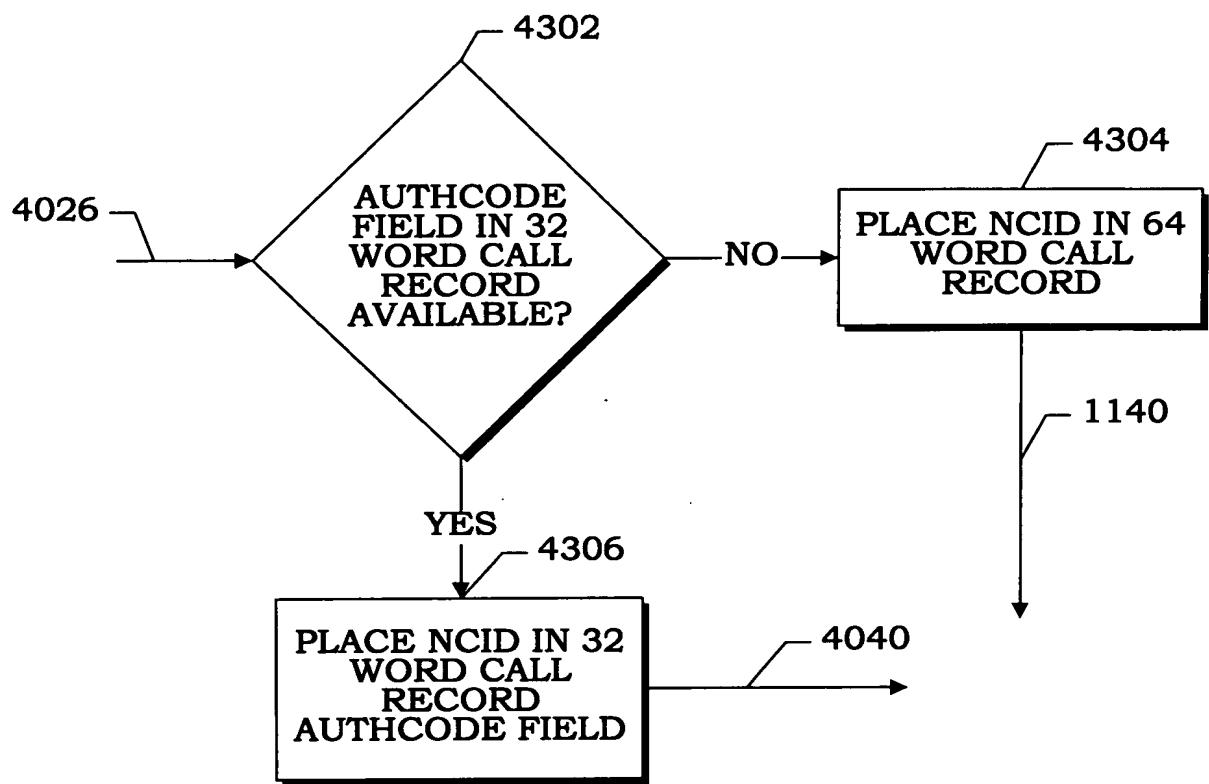
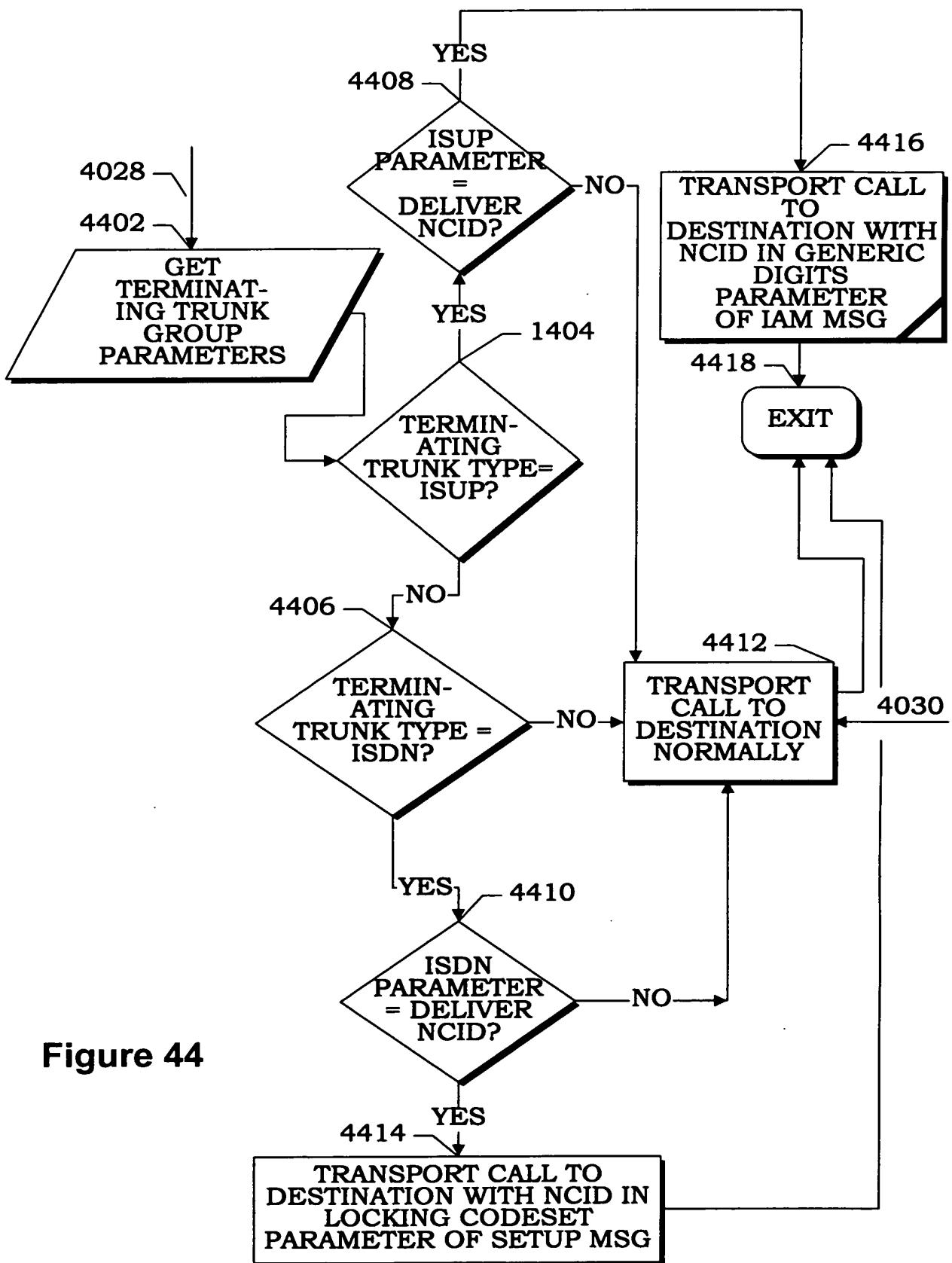


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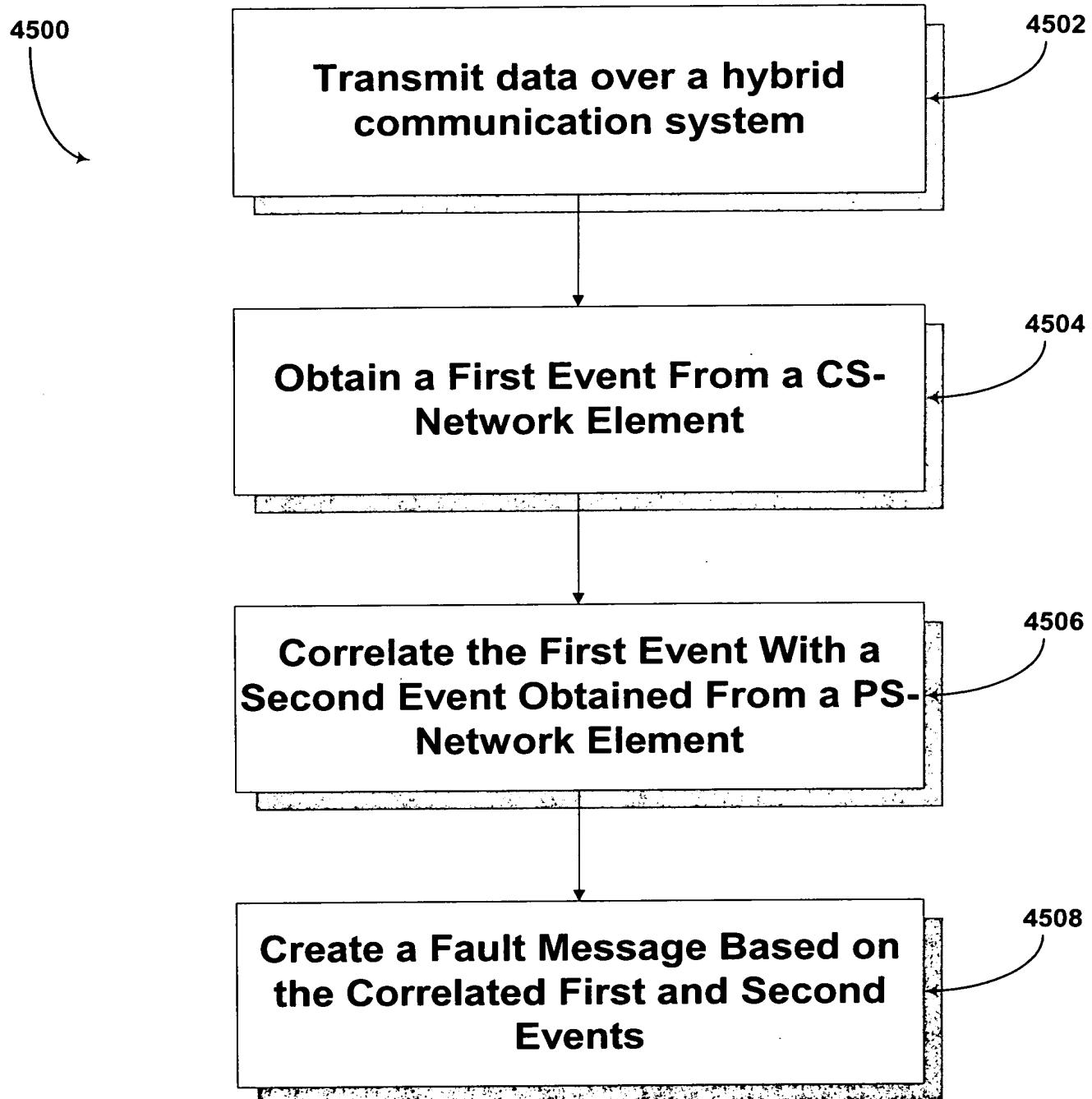


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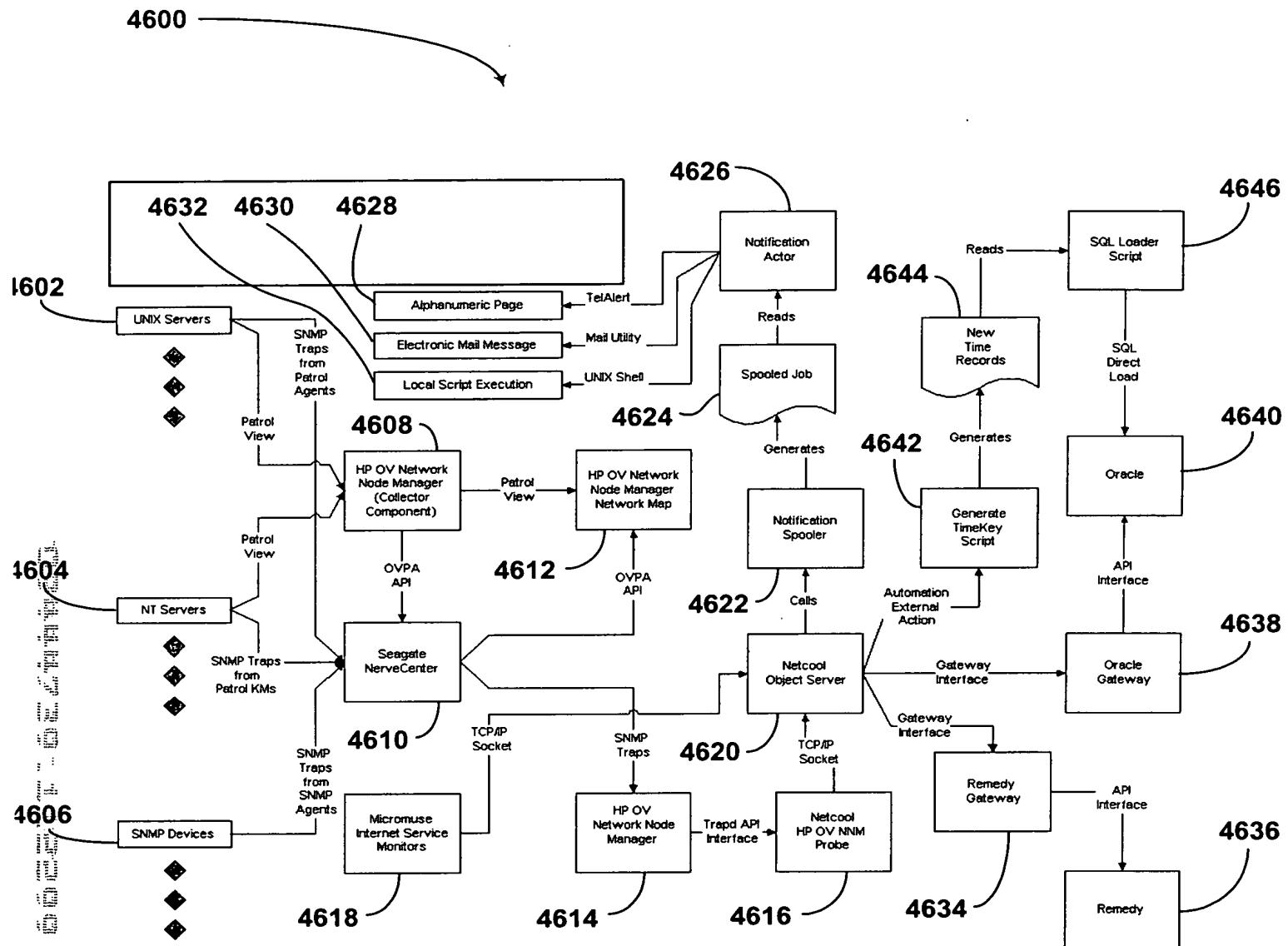


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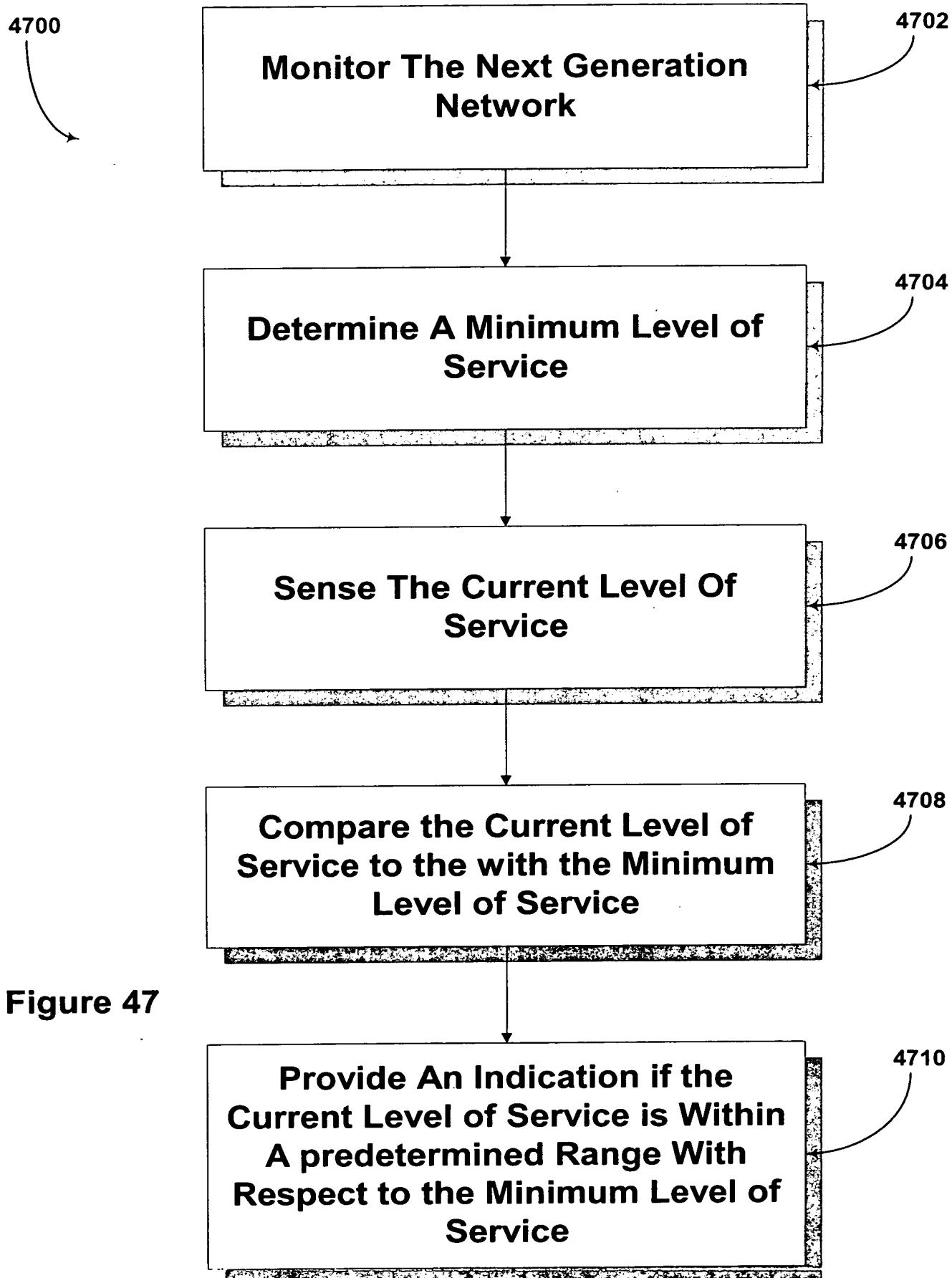


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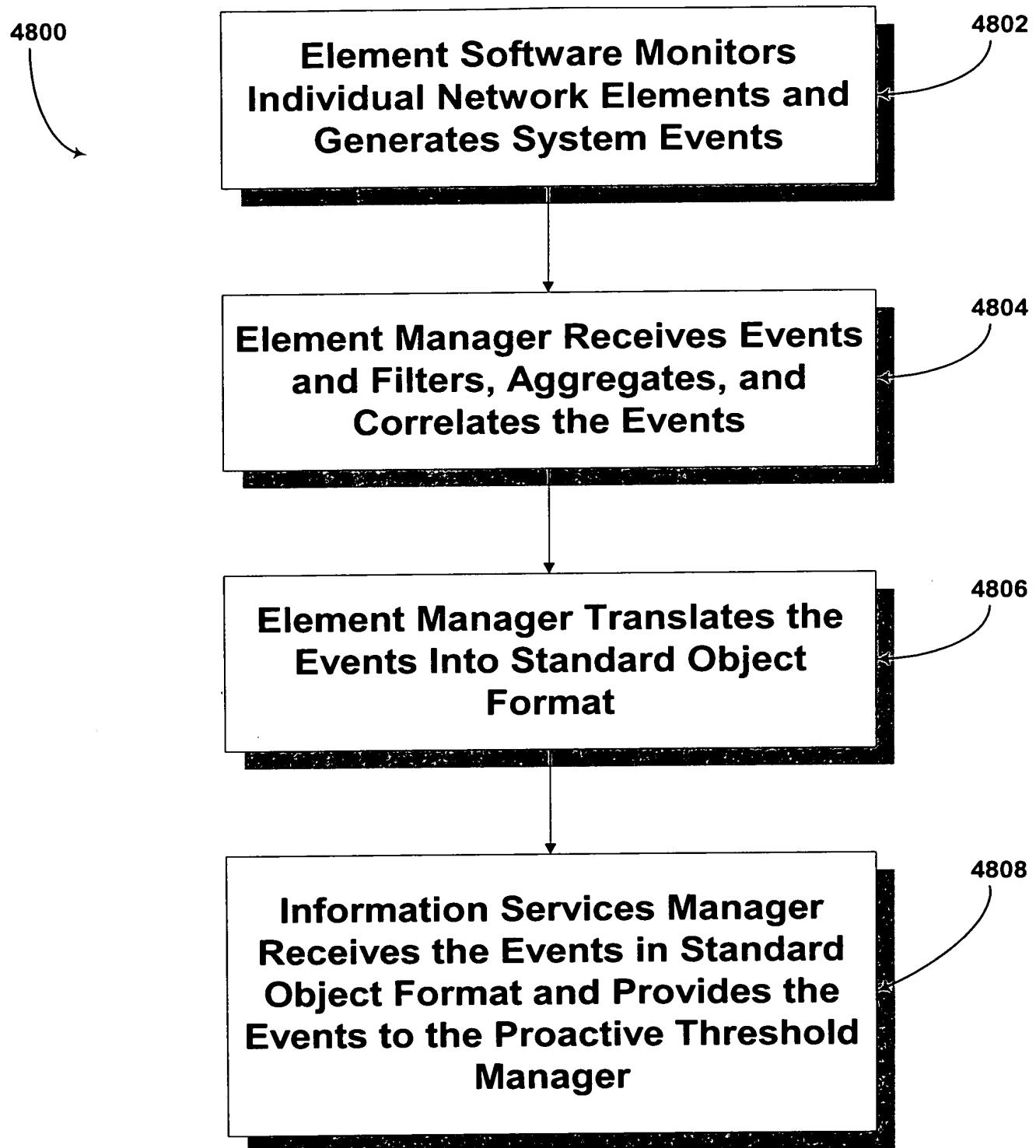


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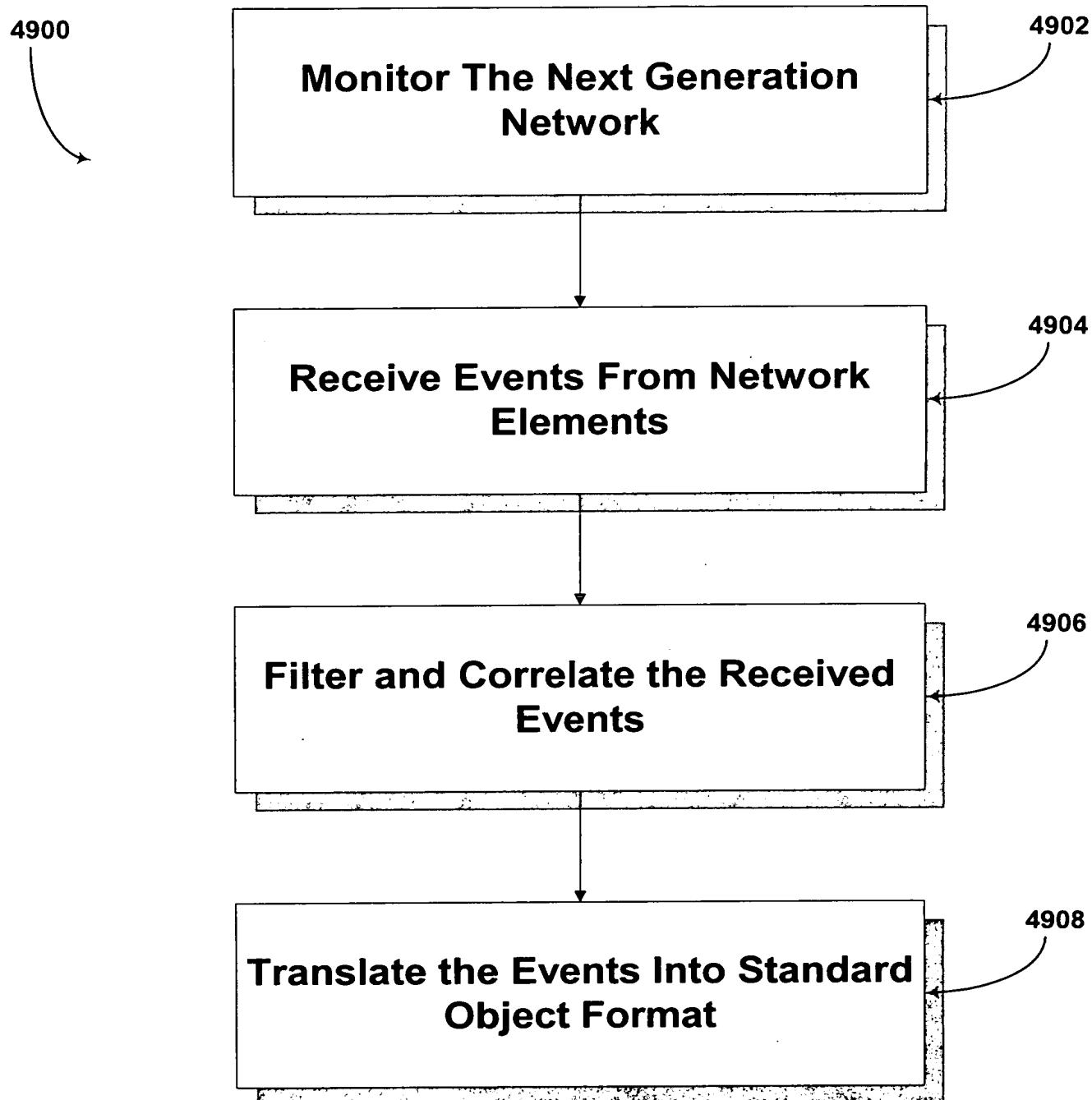


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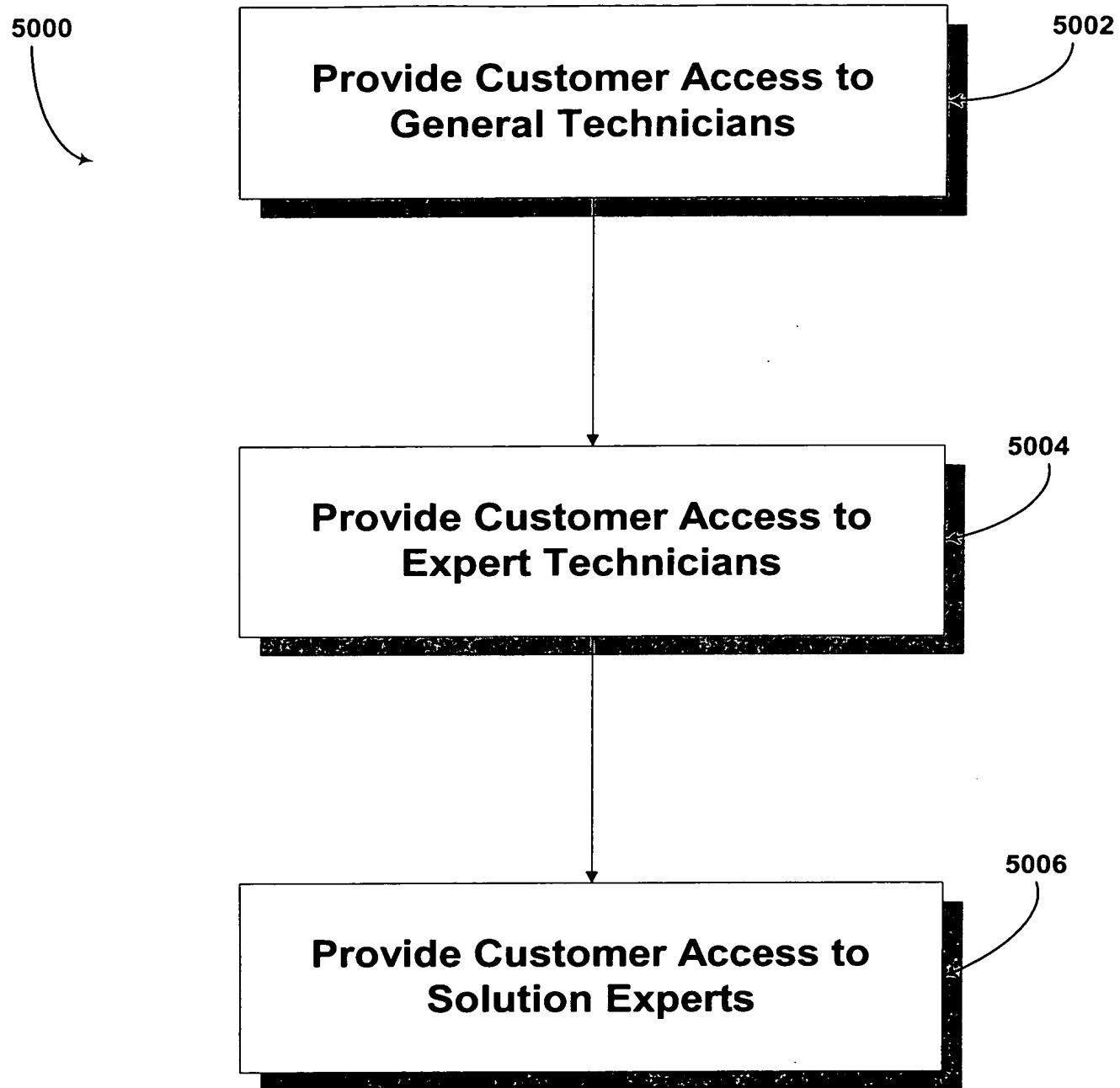


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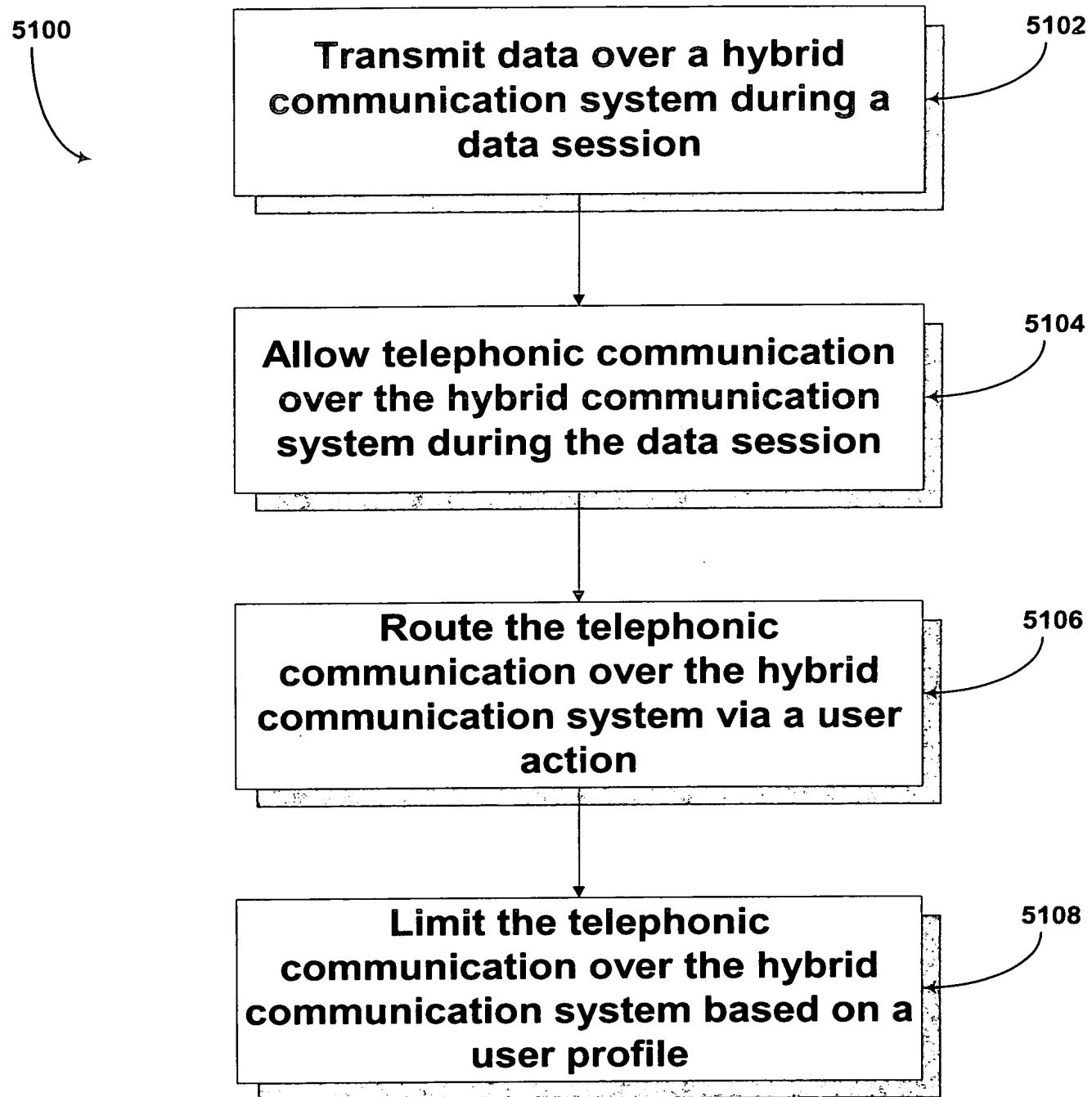


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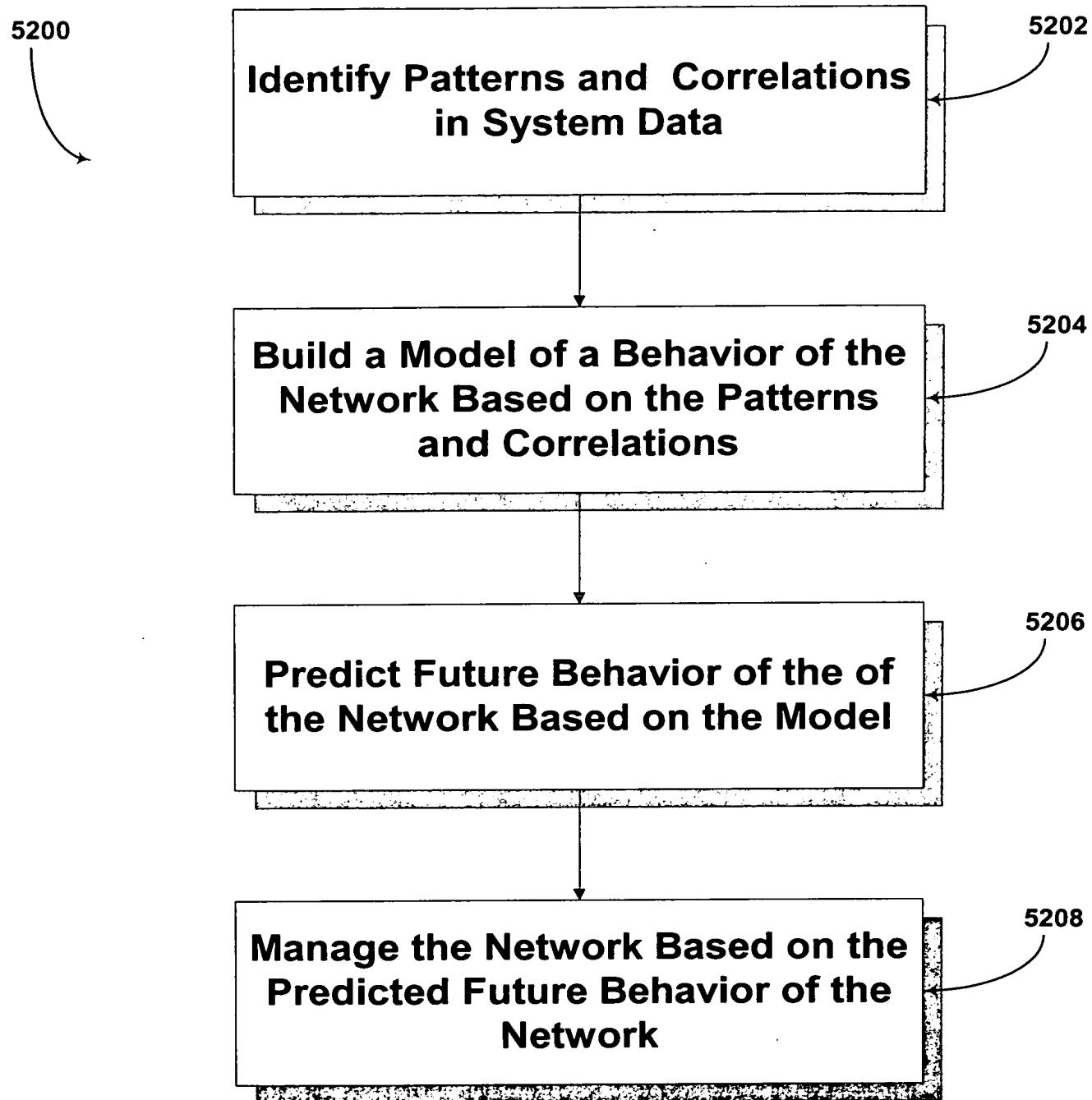
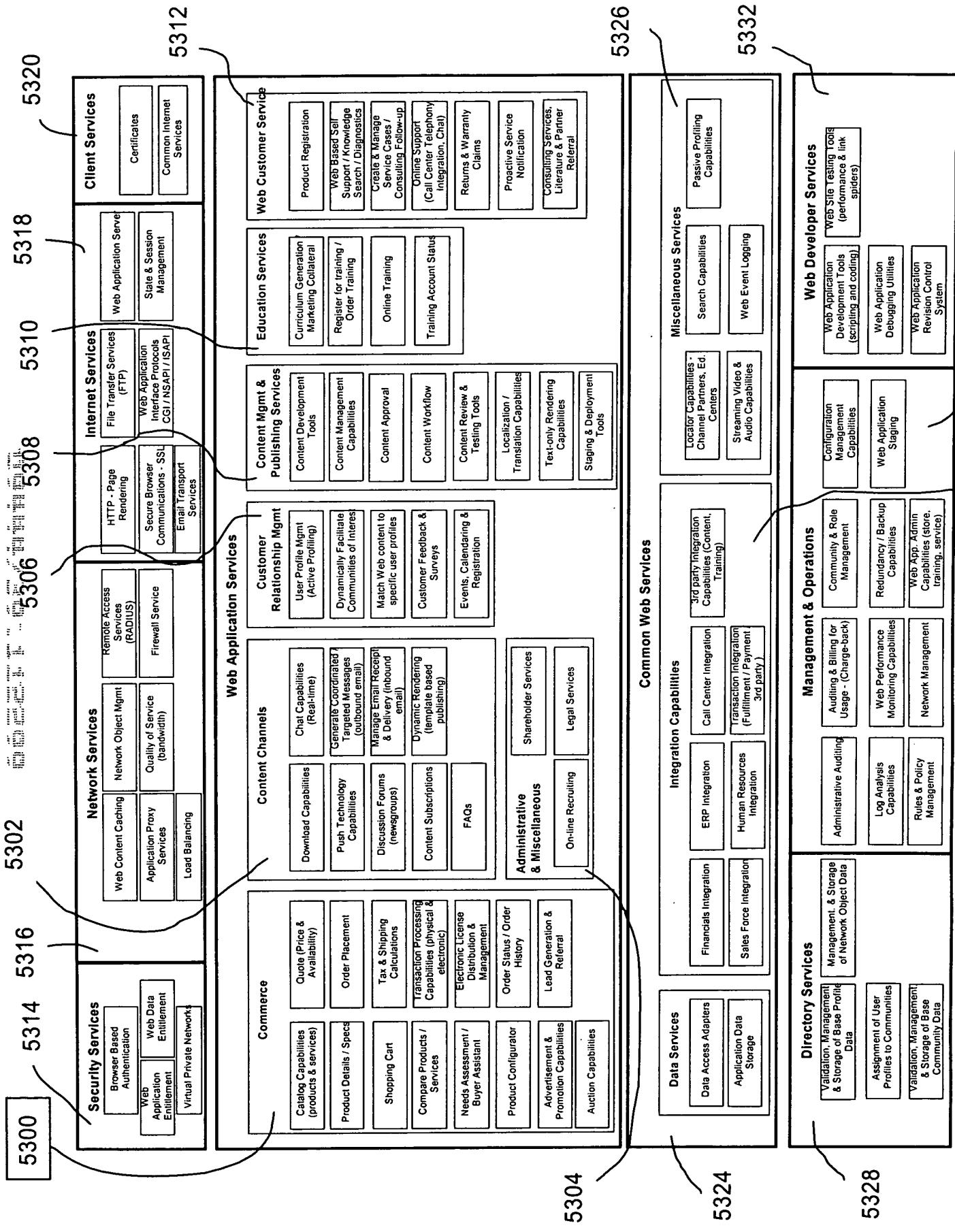


Figure 52

Figure 53



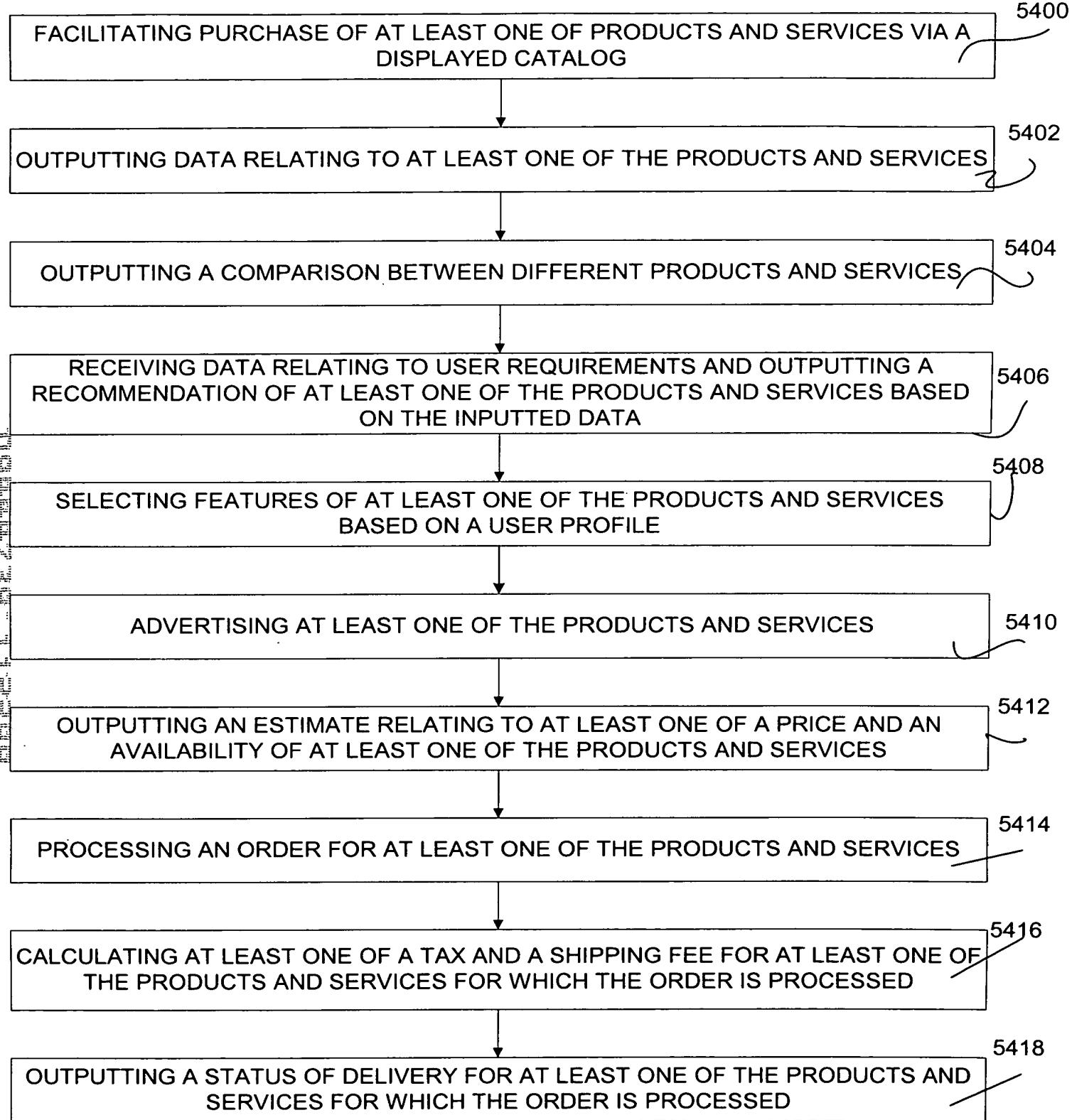


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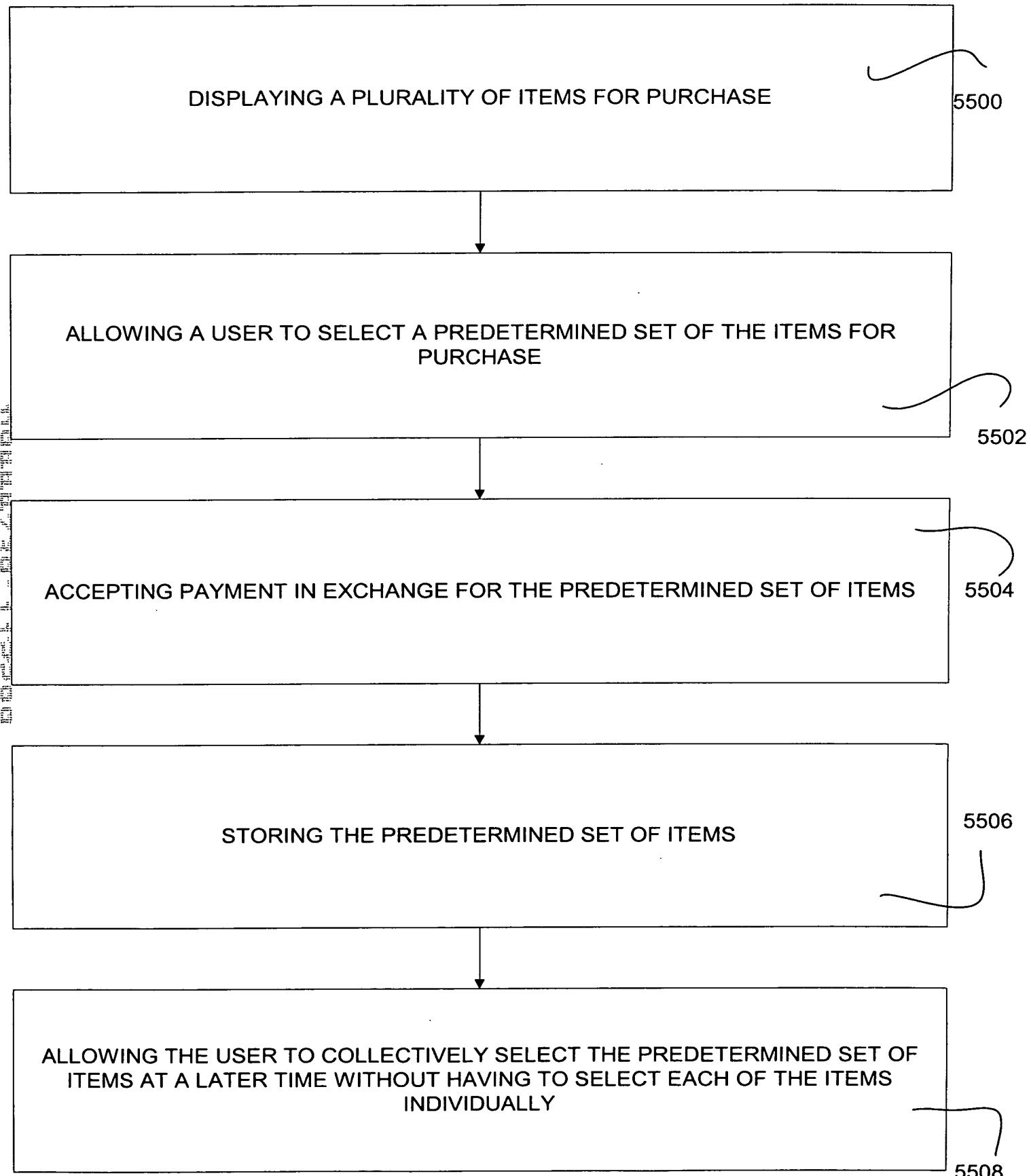


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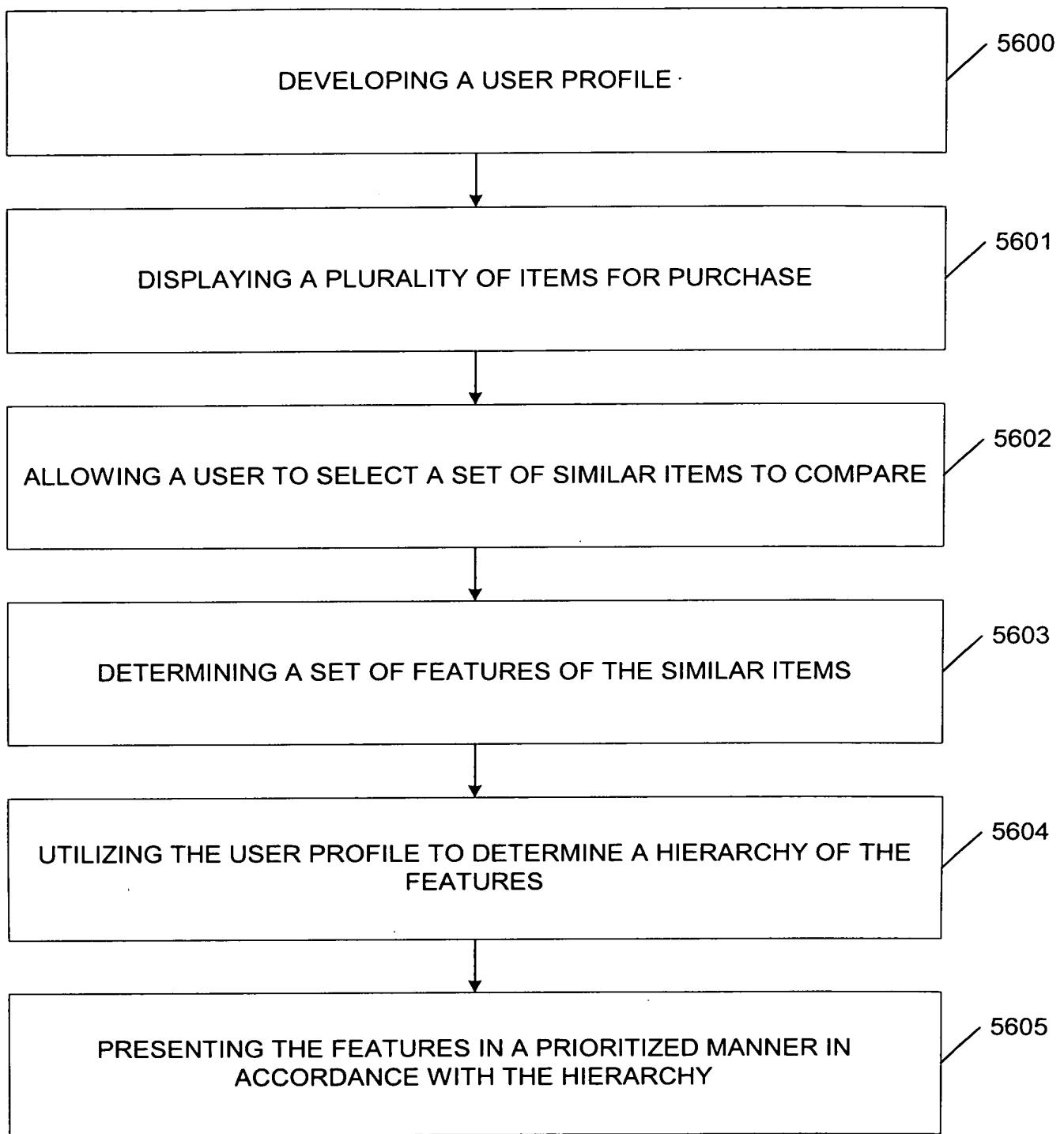


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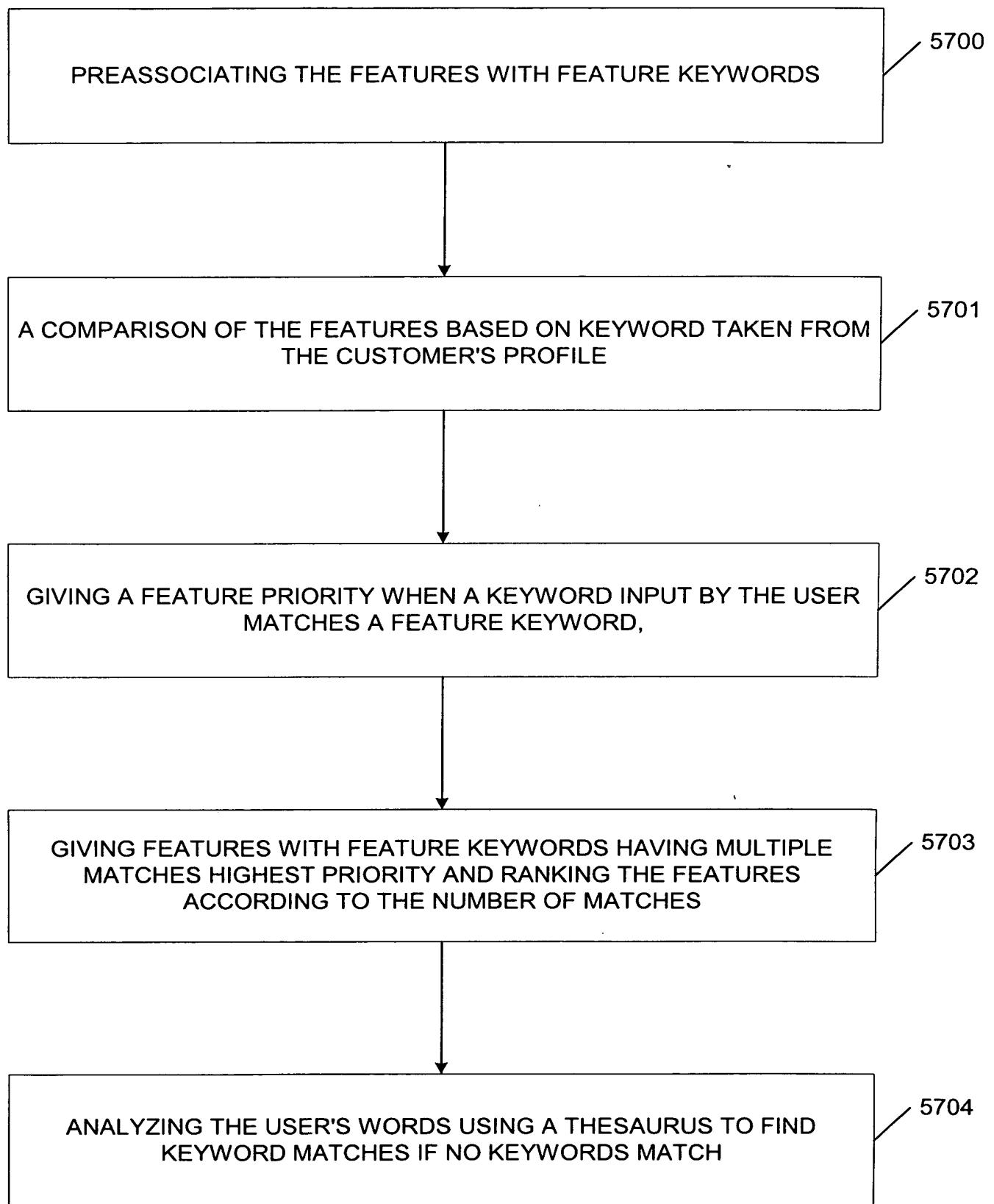


Figure 57

ANALYZING USER REQUIREMENTS

5802

REVIEWING AVAILABLE PRODUCTS

5804

GENERATING AT LEAST ONE RECOMMENDED SOLUTION BASED ON THE USER REQUIREMENTS

5806

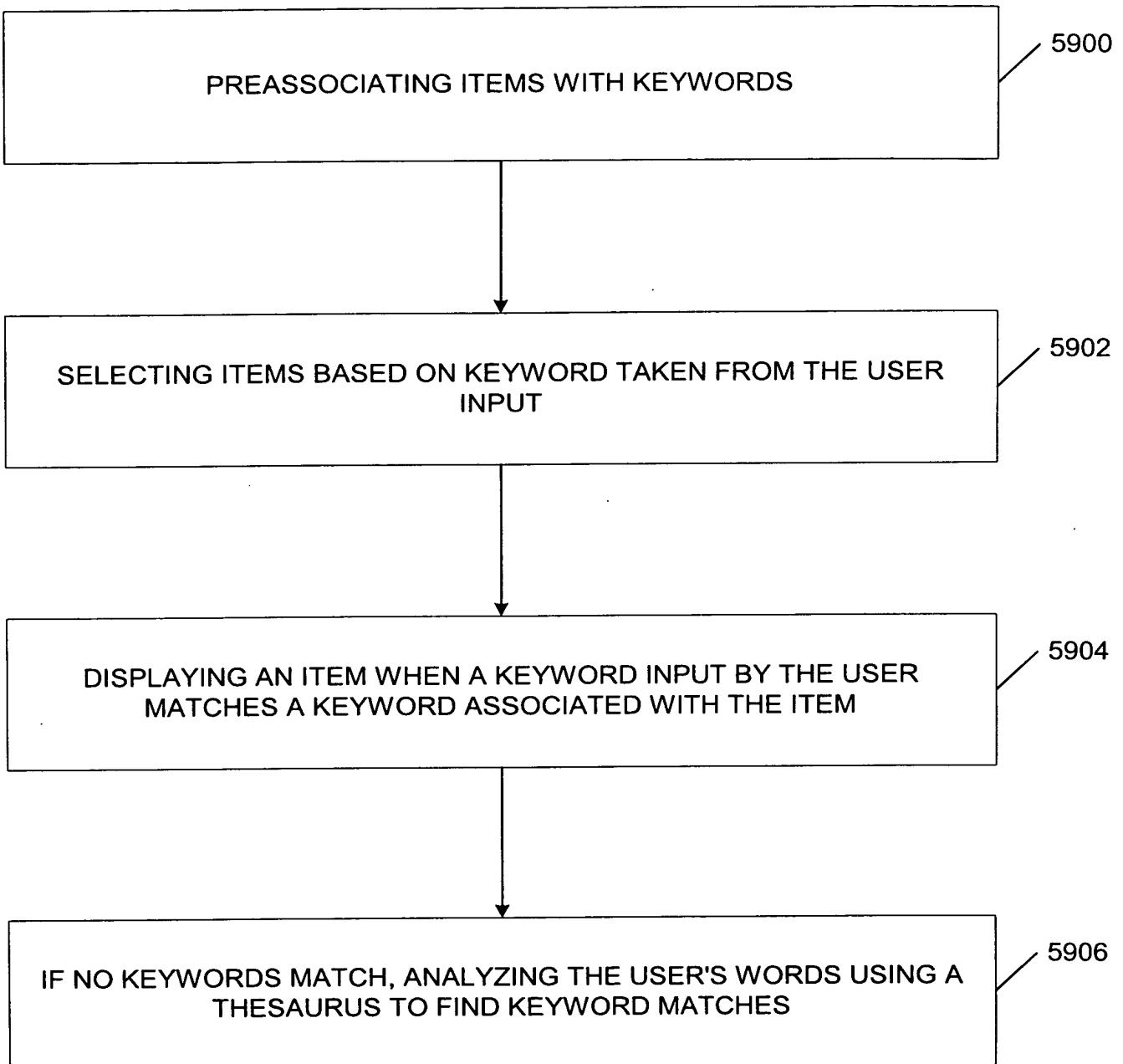
DISPLAYING THE AT LEAST ONE RECOMMENDED SOLUTION

5808

ACCEPTING PAYMENT IN EXCHANGE FOR THE AT LEAST ONE SOLUTION

5810

Figure 58



DISPLAYING A PLURALITY OF ITEMS FOR PURCHASE, WHEREIN EACH OF THE ITEMS INCLUDES A PLURALITY OF AVAILABLE FEATURES

6002

DISPLAYING THE AVAILABLE FEATURES OF THE ITEMS

6003

ALLOWING A USER TO SELECT THE AVAILABLE FEATURES OF EACH OF THE ITEMS TO BE PURCHASED

6004

DETERMINING A PRICE AND AVAILABILITY OF THE SELECTED ITEMS AND THE SELECTED FEATURES THEREOF AND DISPLAYING THE SAME

6006

ACCEPTING PAYMENT IN EXCHANGE FOR THE SELECTED ITEMS AND THE SELECTED FEATURES THEREOF

6008

Figure 60

DISPLAYING A PLURALITY OF ITEMS FOR PURCHASE

6102

DISPLAYING ADVERTISEMENT INFORMATION WHICH RELATES TO AT LEAST ONE OF THE ITEMS DISPLAYED FOR PURCHASE

6103

ALLOWING A USER TO SELECT THE ITEMS FOR PURCHASE

6104

ACCEPTING PAYMENT IN EXCHANGE FOR THE SELECTED ITEMS

6106

Figure 61

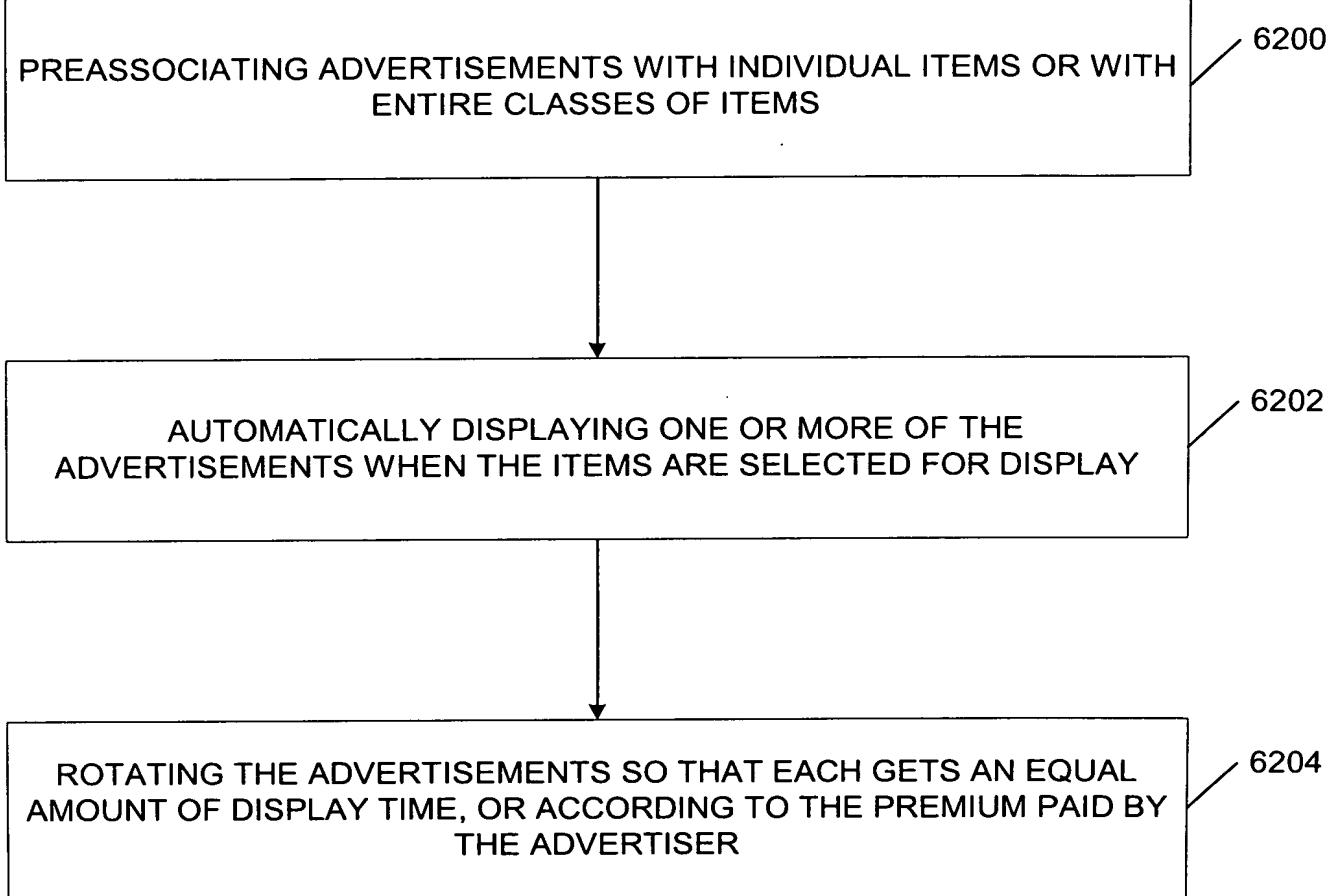


Figure 62

CREATING A USER PROFILE FROM INFORMATION ABOUT A USER

6302

SELECTING AT LEAST ONE ITEM FOR PURCHASE BASED ON THE USER PROFILE

6304

DISPLAYING THE AT LEAST ONE ITEM FOR PURCHASE

6306

ALLOWING THE USER TO SELECT THE AT LEAST ONE ITEM FOR PURCHASE

6308

ACCEPTING PAYMENT IN EXCHANGE FOR THE SELECTED ITEM

6310

Figure 63

ALLOWING A USER TO REQUEST TO UTILIZE A SOFTWARE PACKAGE

6402

PROMPTING THE USER TO ENTER USER INPUT RELATING TO THE USER

6404

RECEIVING THE USER INPUT RELATING TO THE USER

6406

GENERATING A LICENSE AGREEMENT UTILIZING THE USER INPUT

6408

SENDING THE LICENSE AGREEMENT TO THE USER

6410

Figure 64

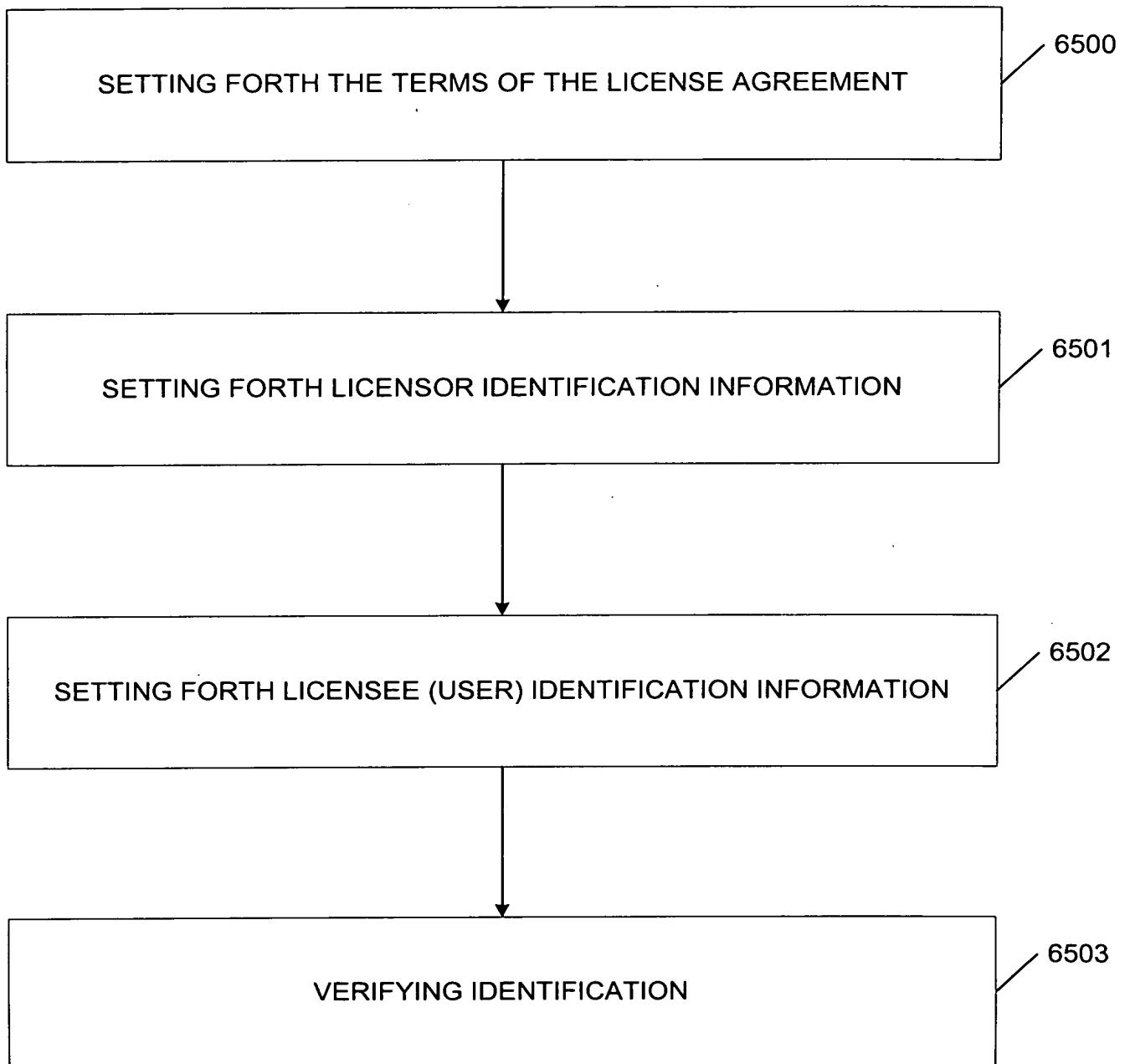


Figure 65

6408

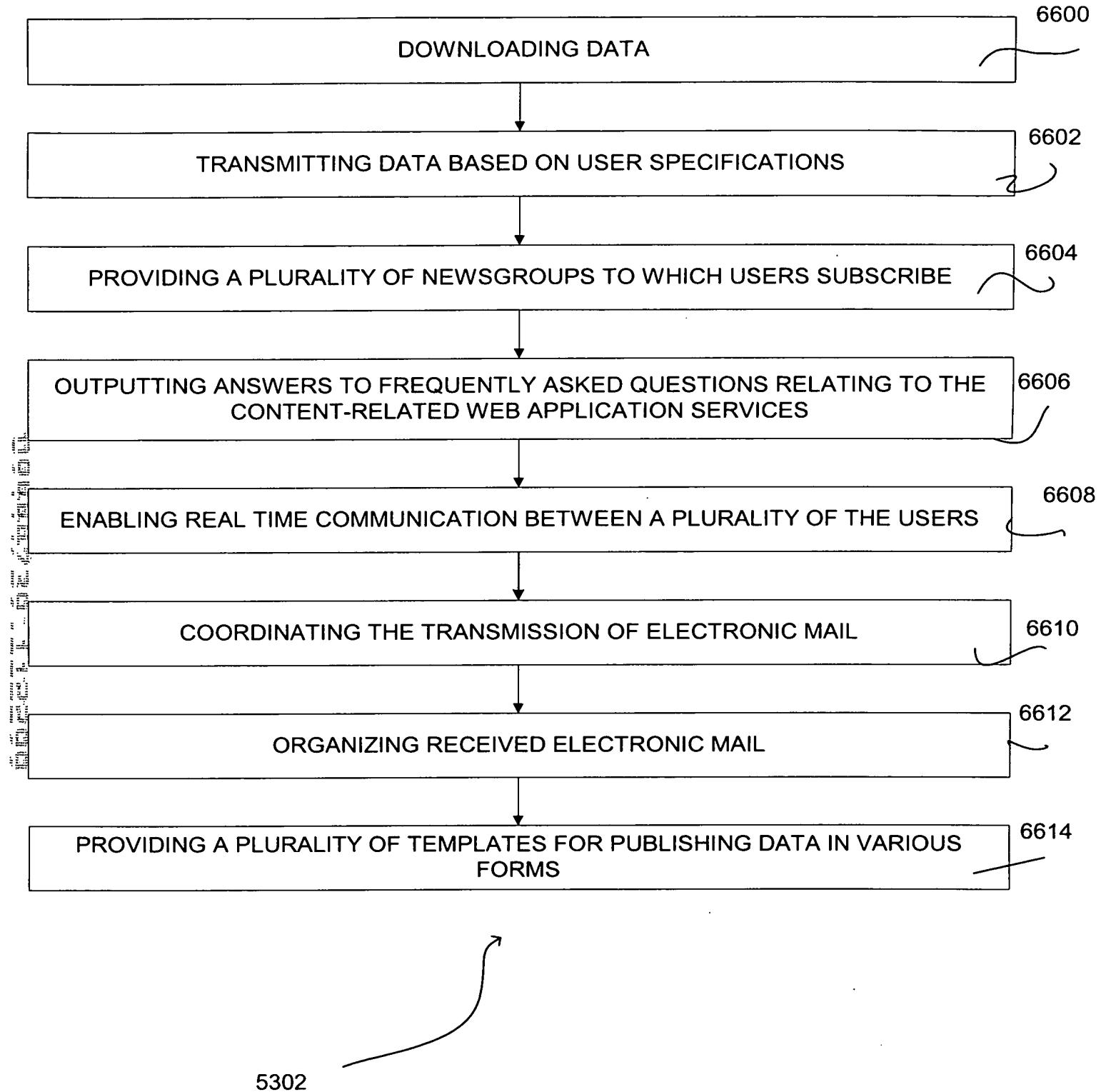


Figure 66

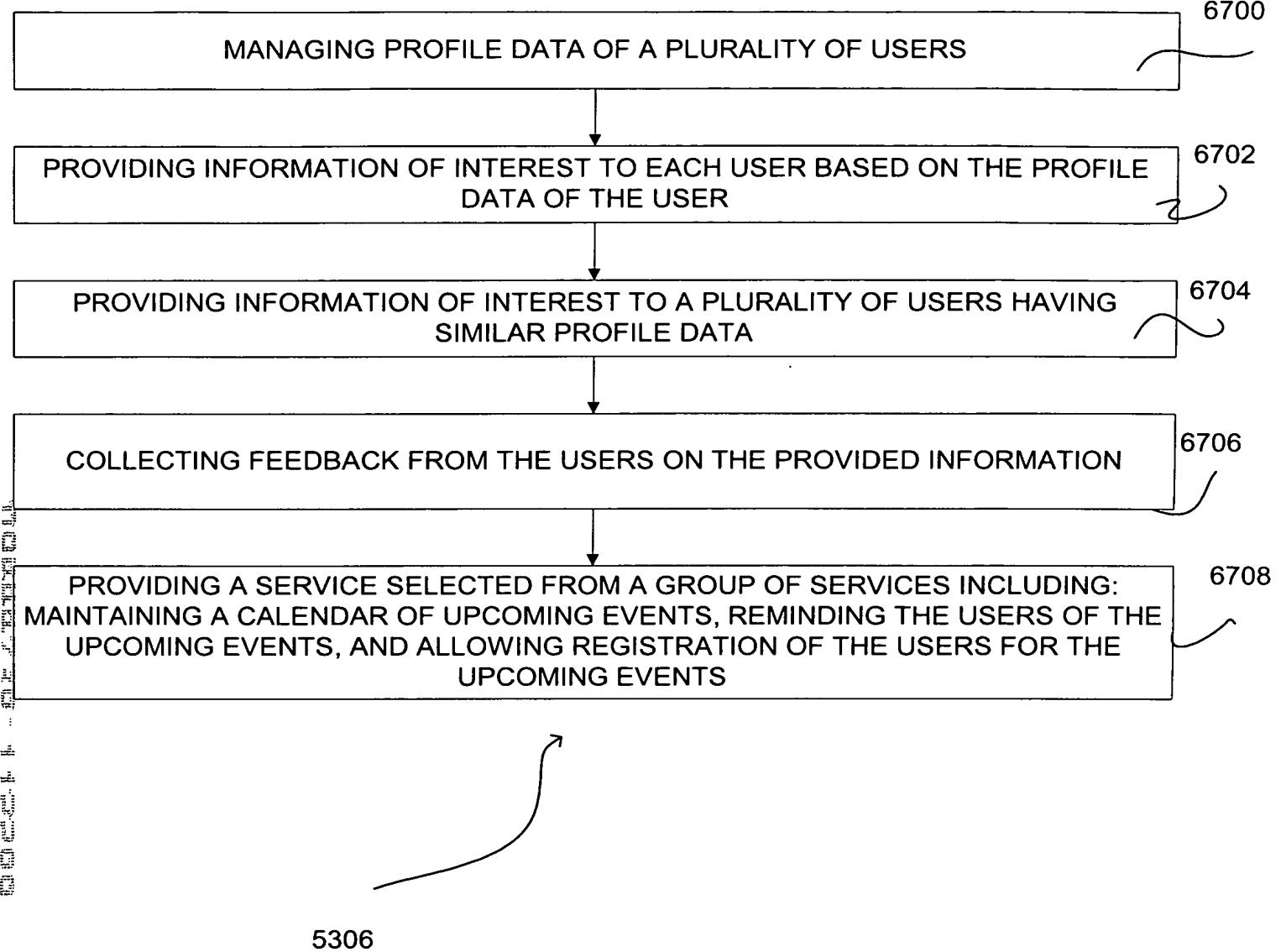
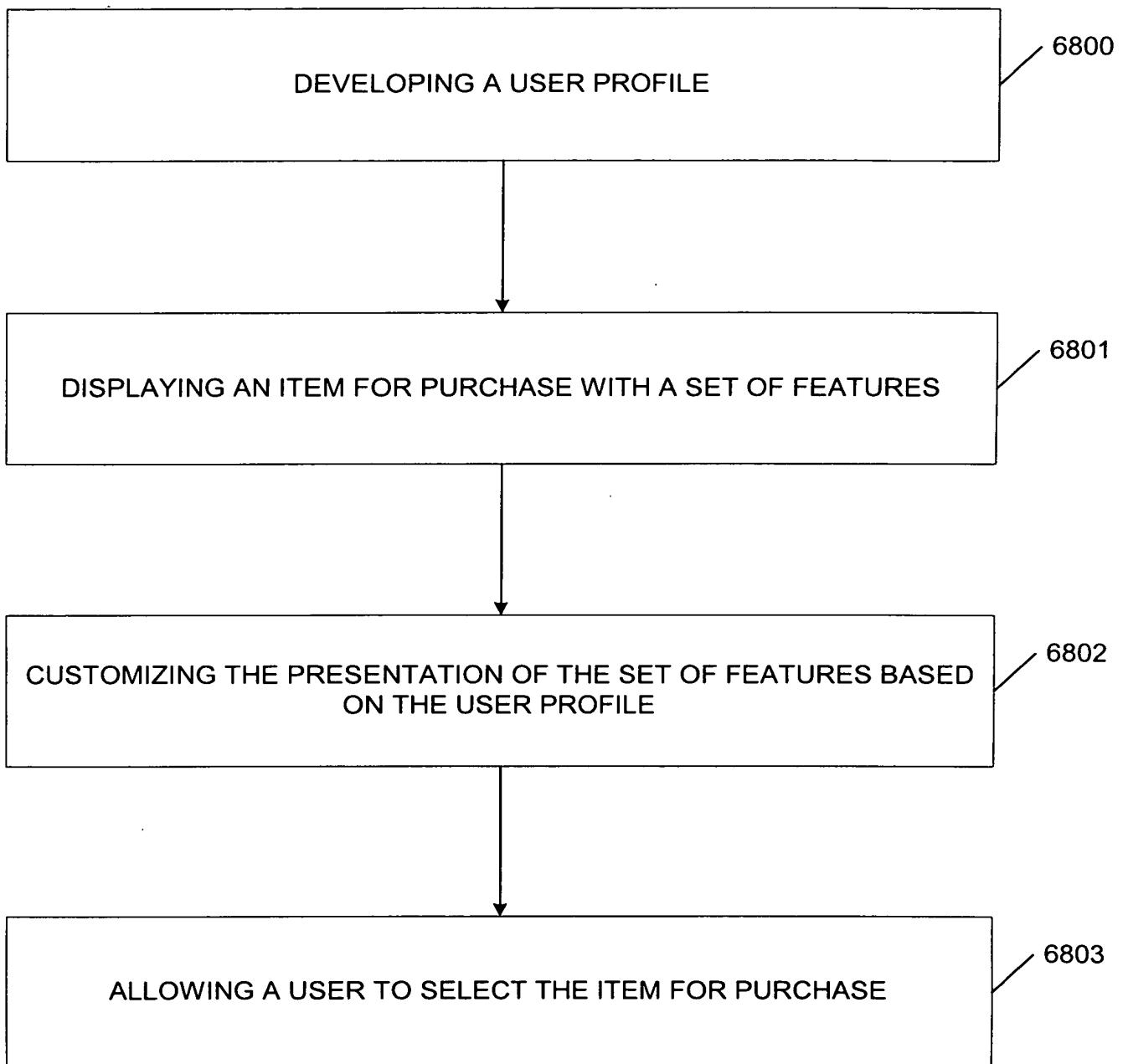


Figure 67



6700

Figure 68

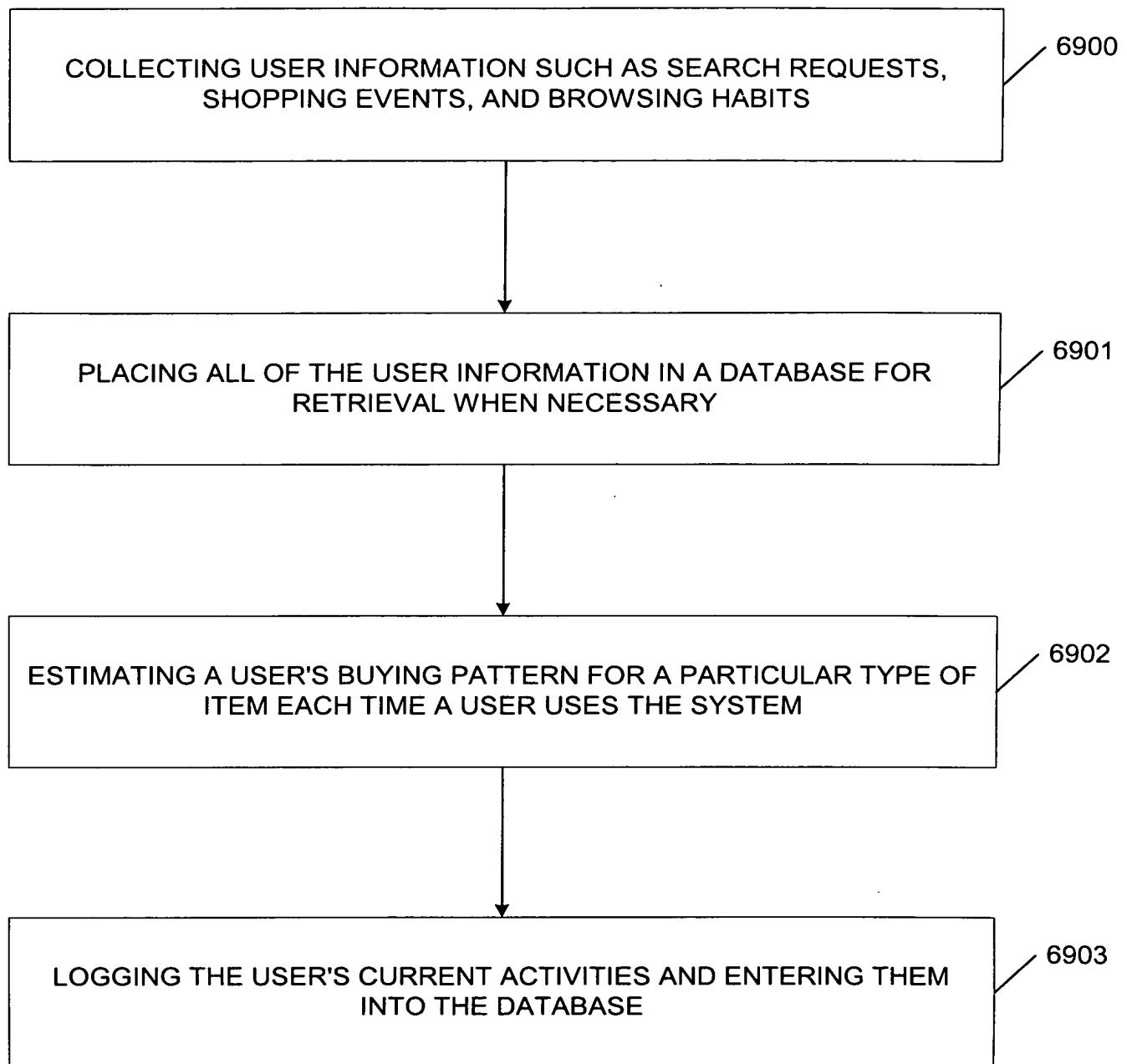


Figure 69

6810

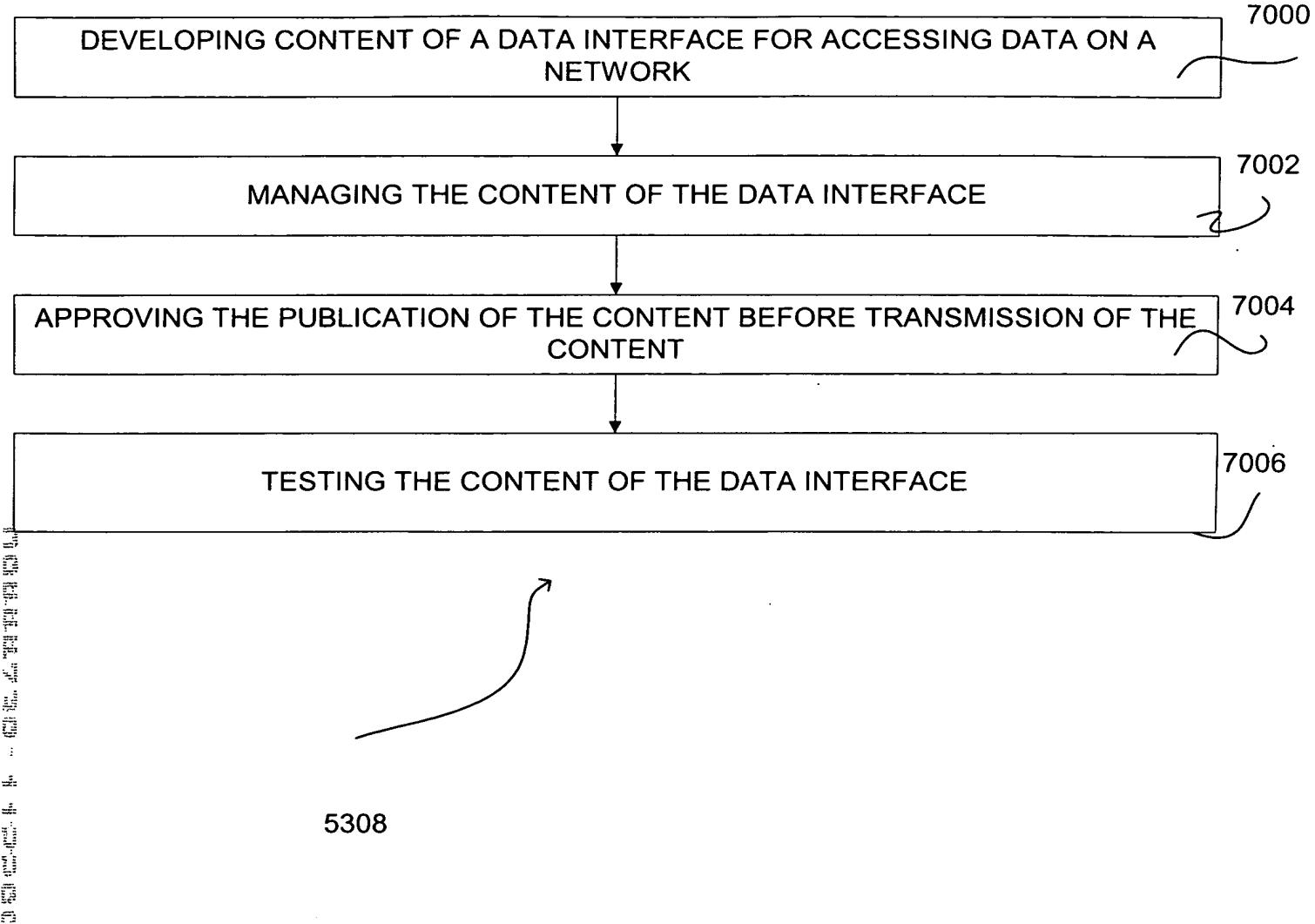


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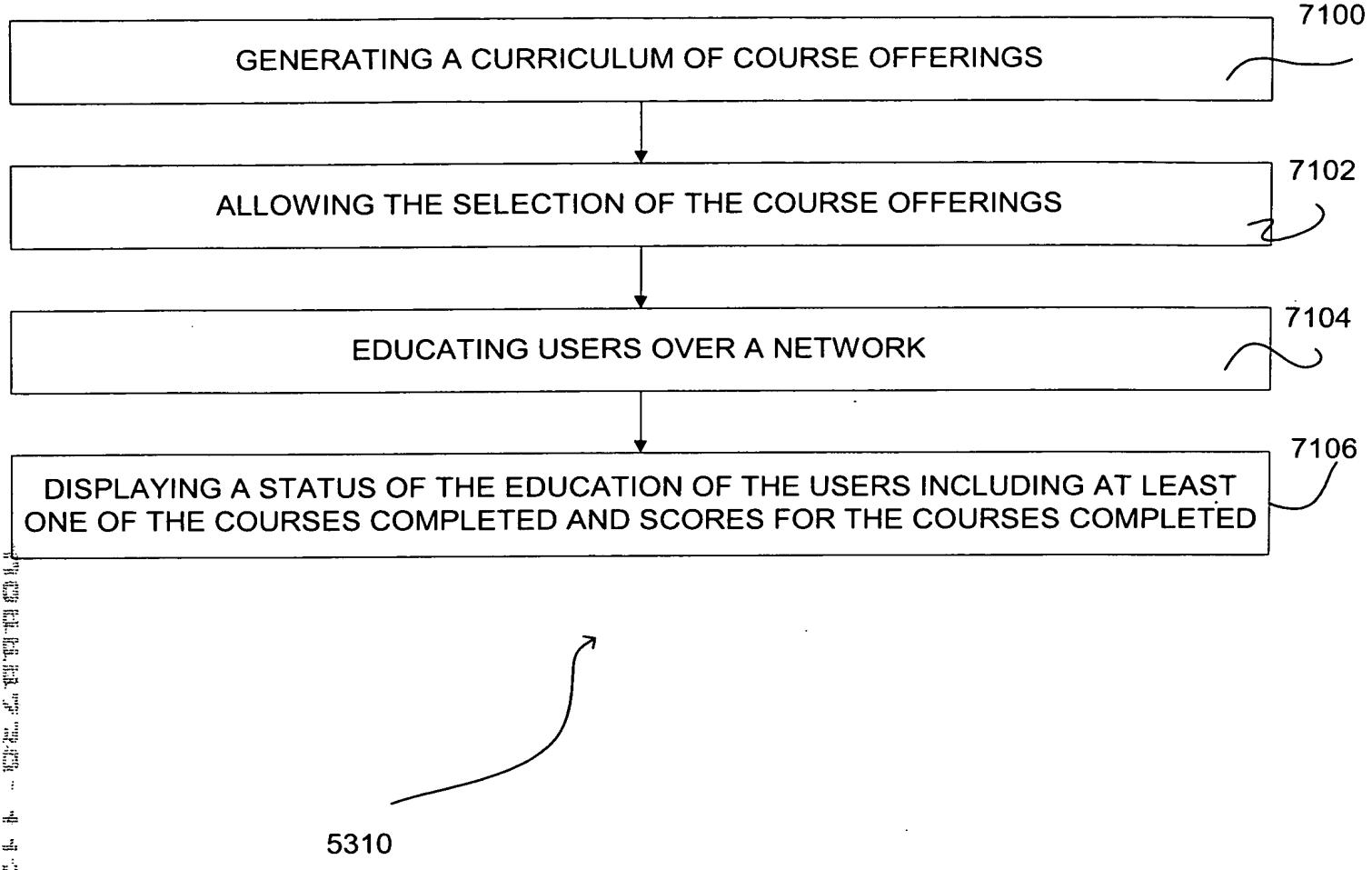


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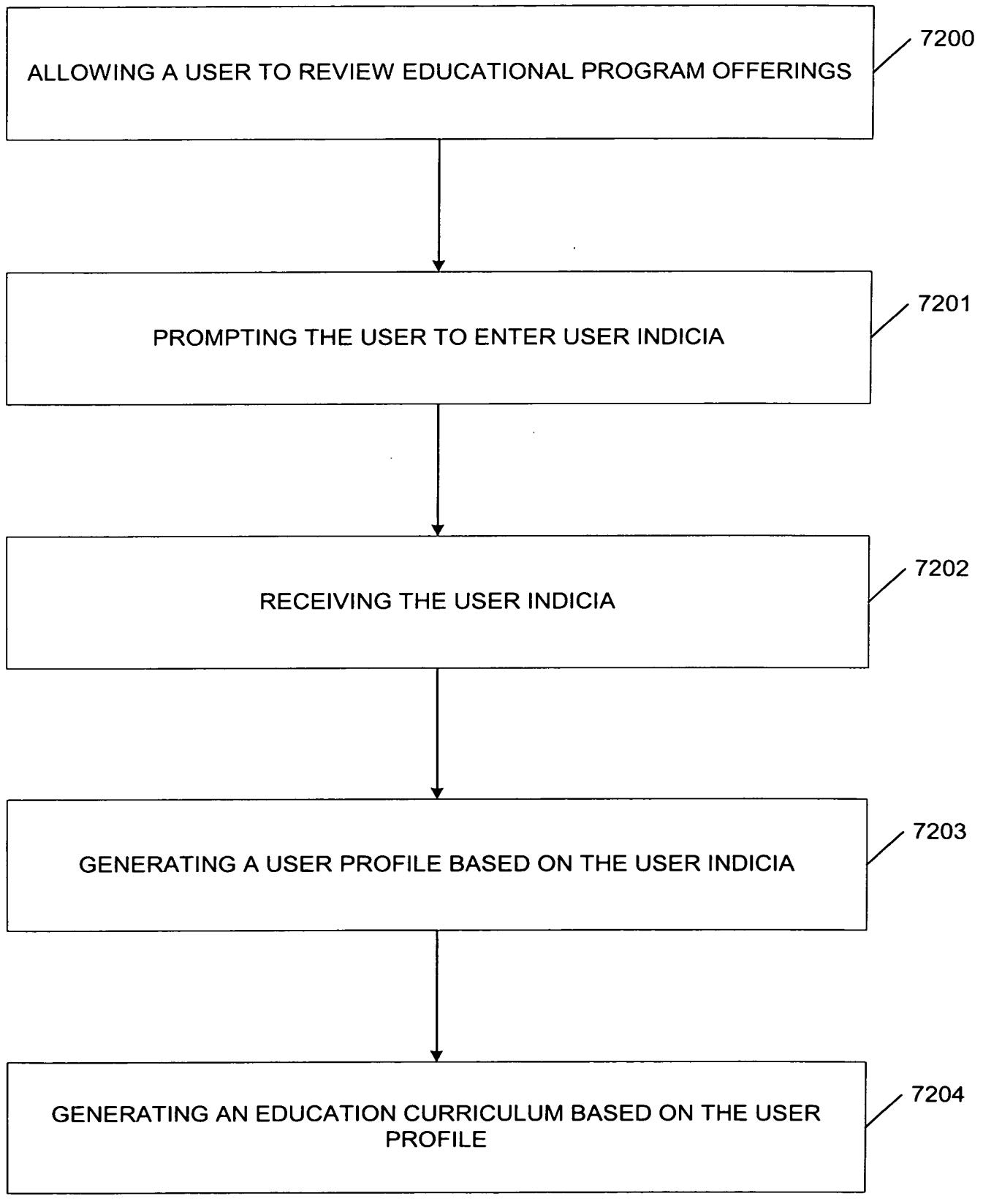


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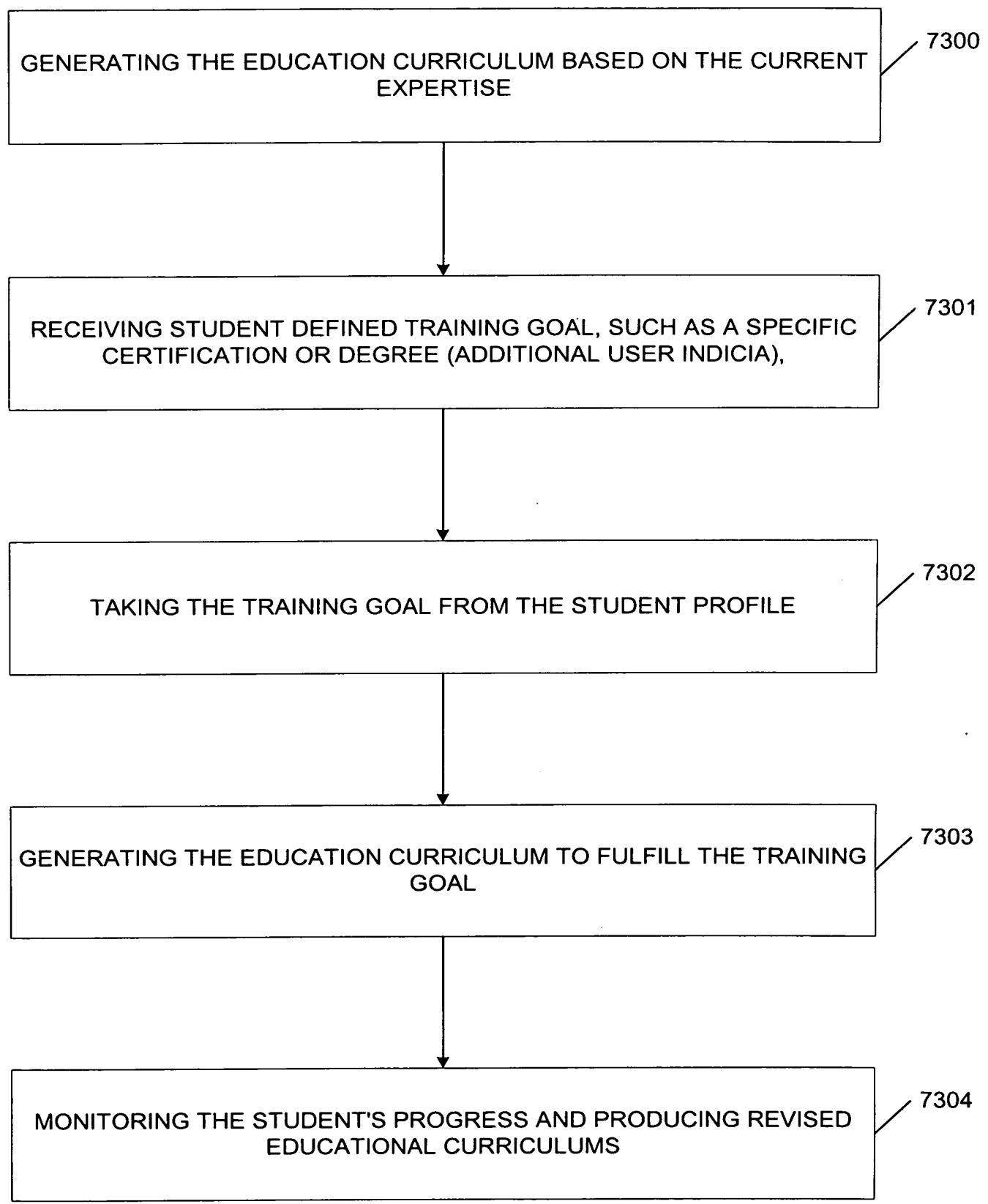


Figure 73

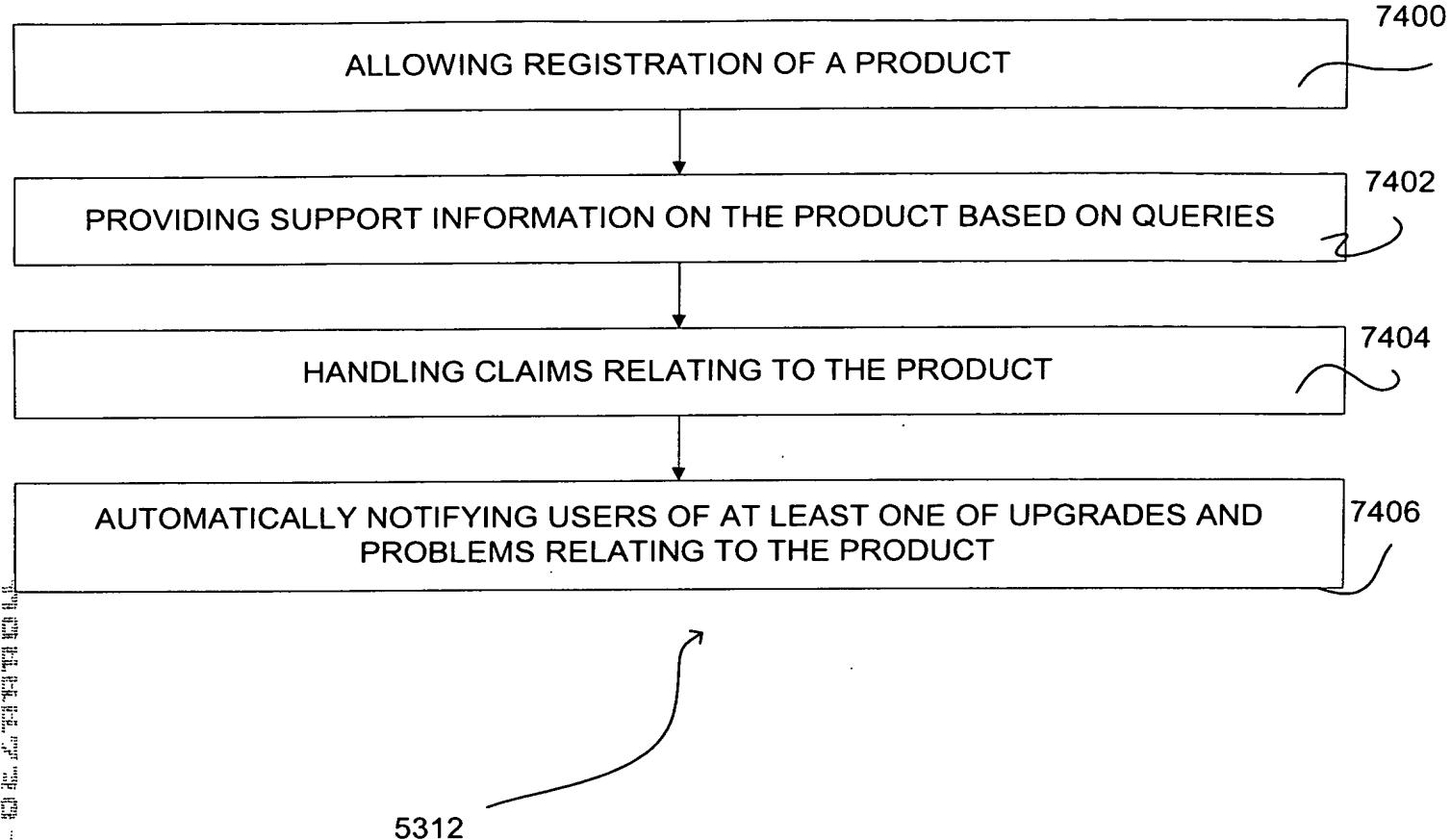
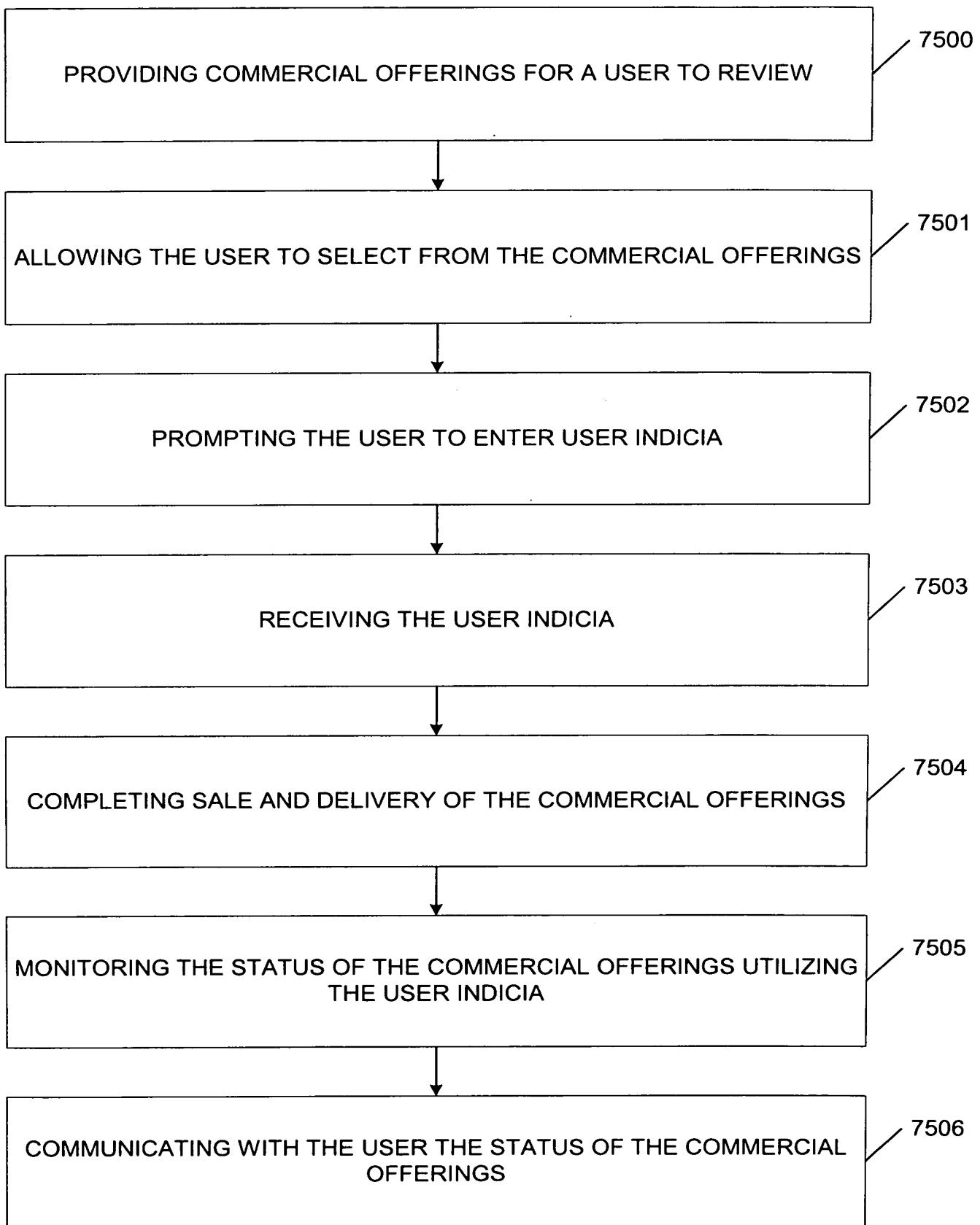


Figure 74



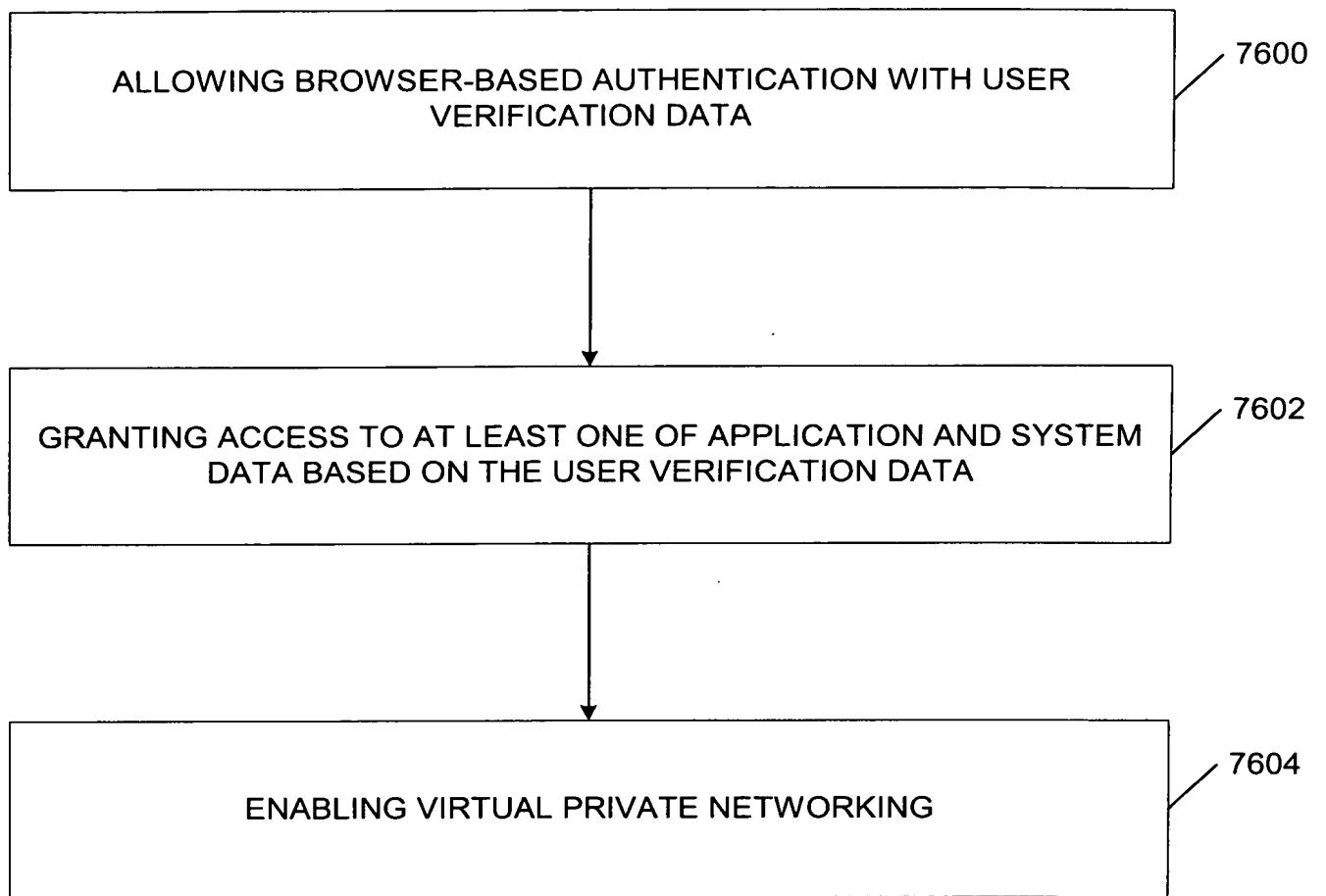


Figure 76

5314

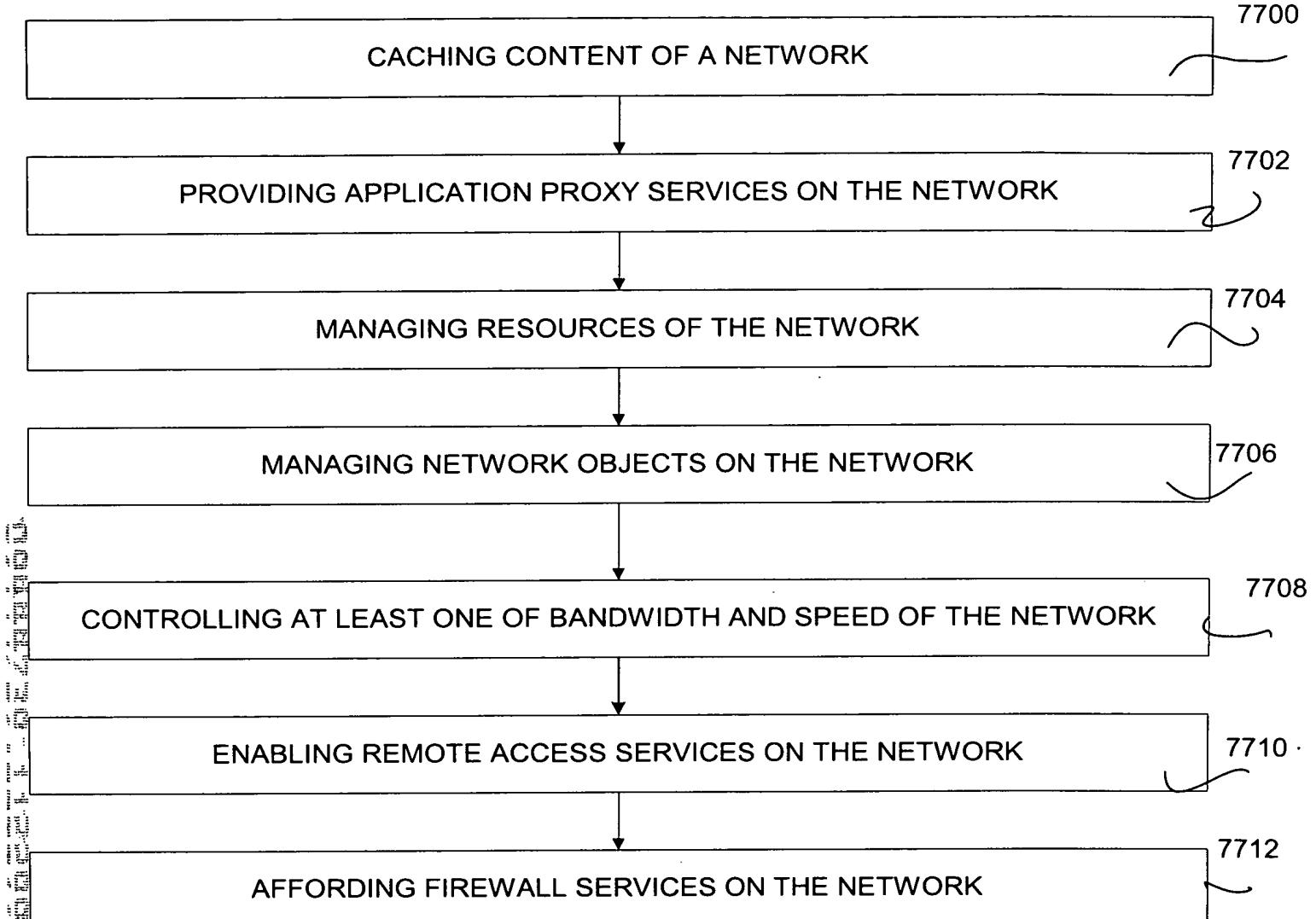


Figure 77

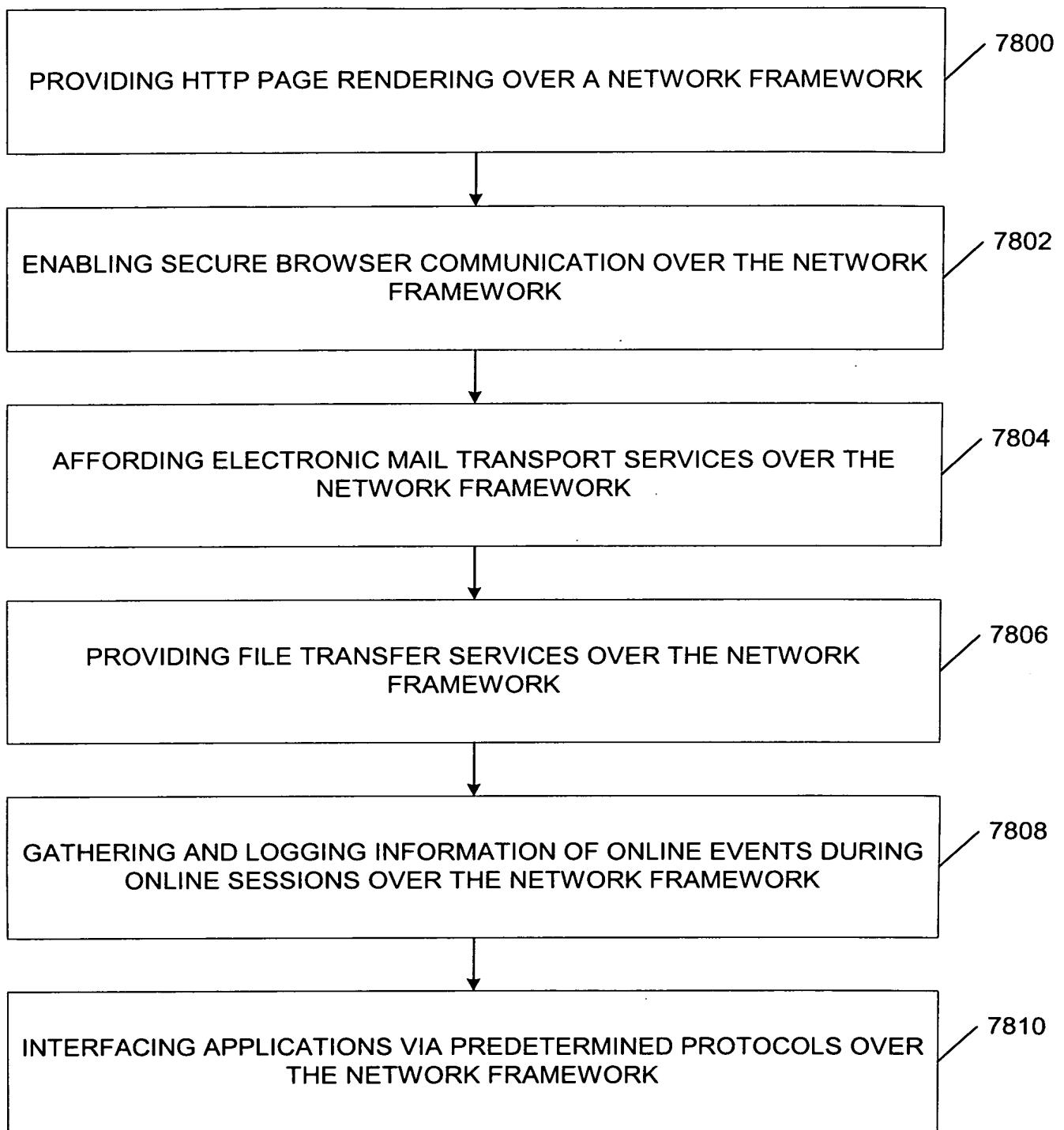


Figure 78

5318

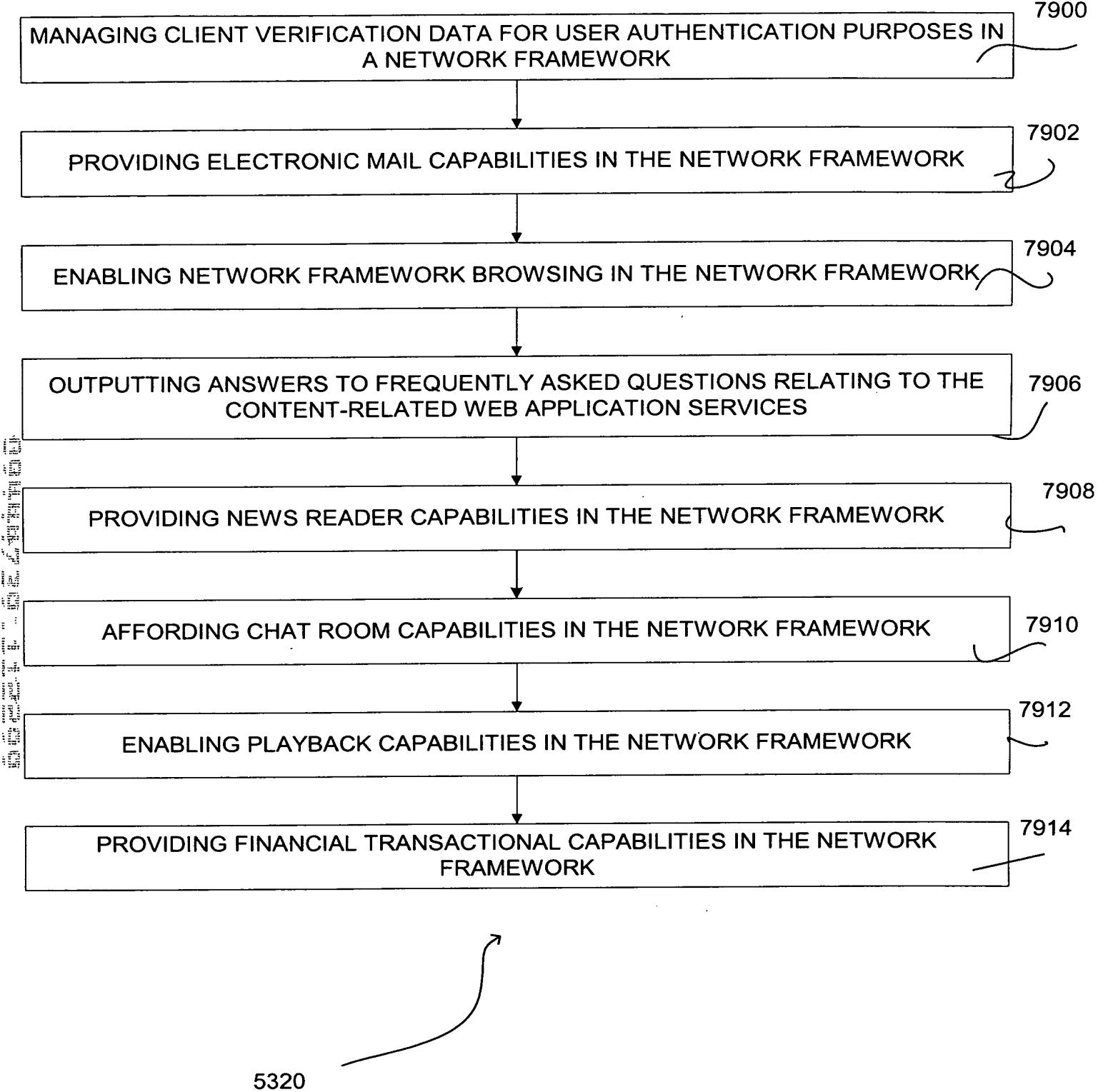


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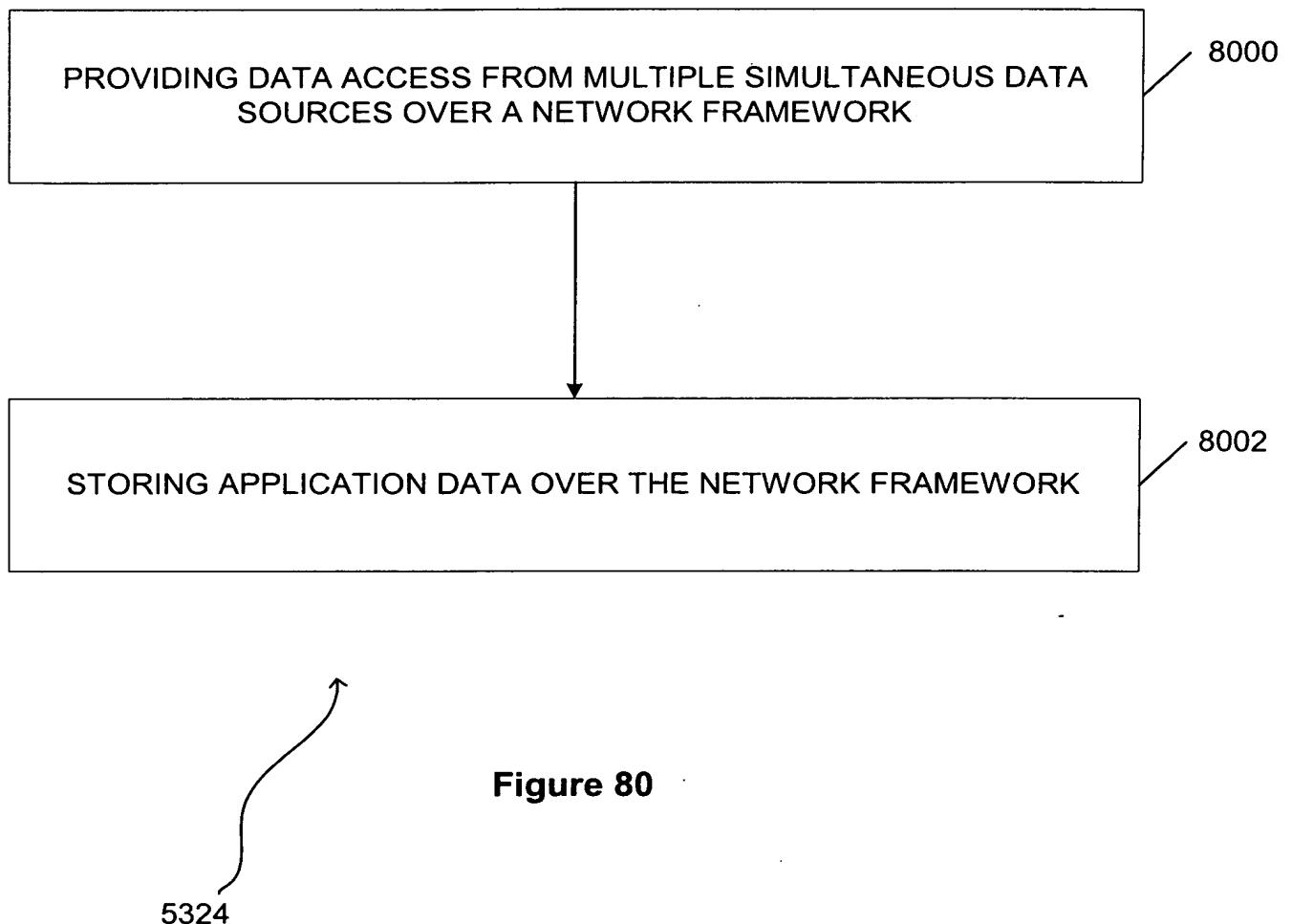
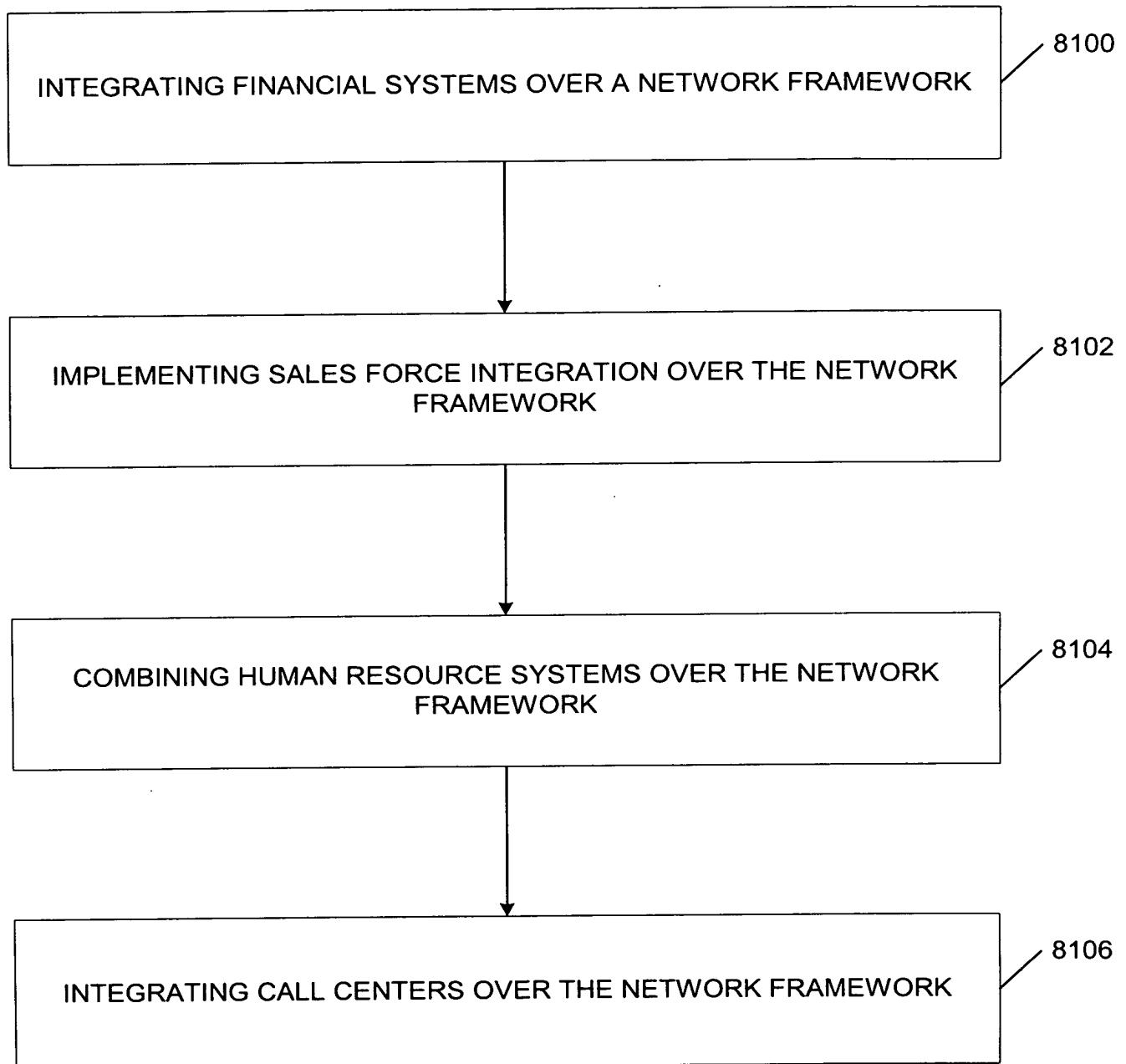
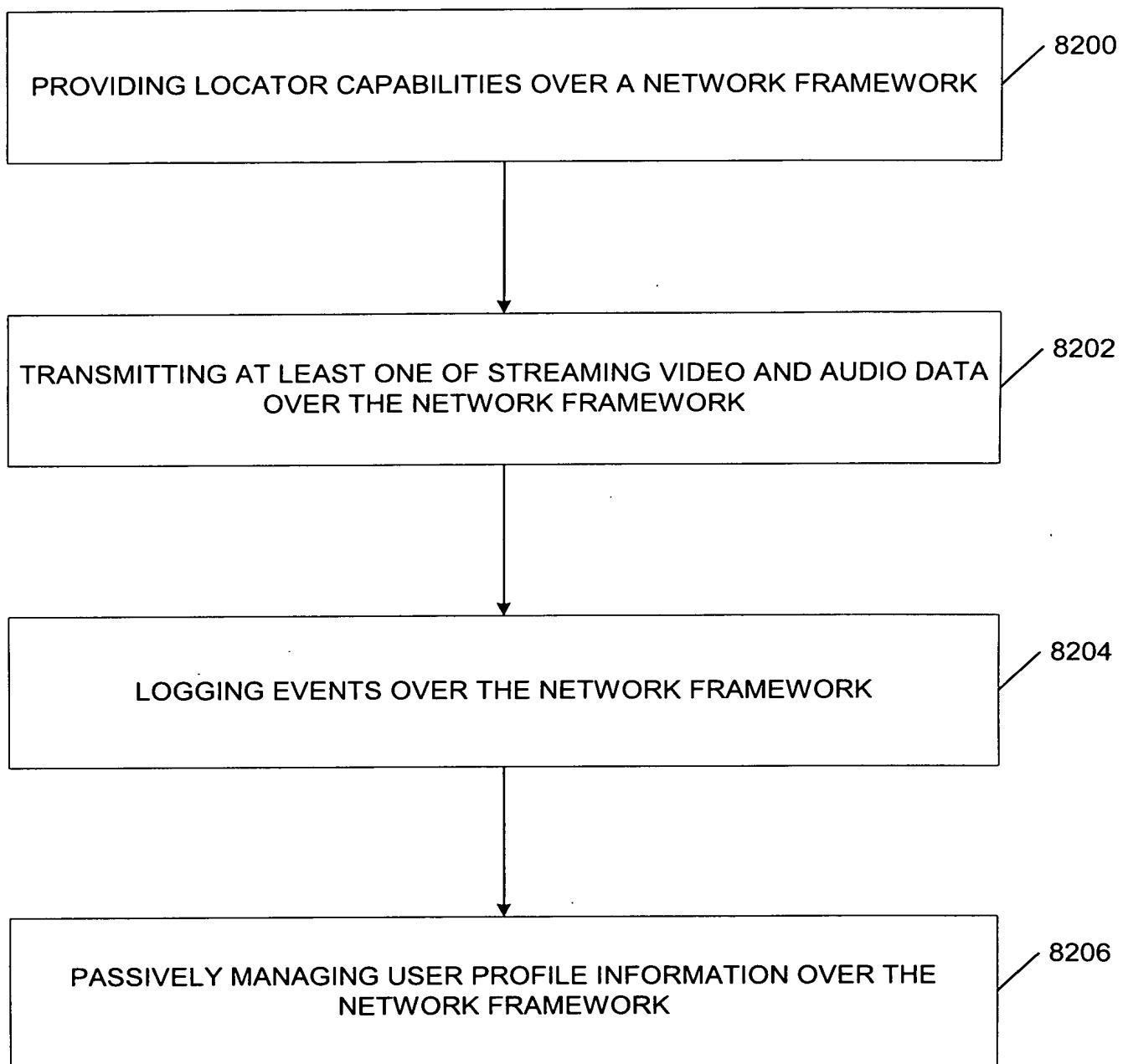


Figure 80



5812

Figure 81



5326

Figure 82

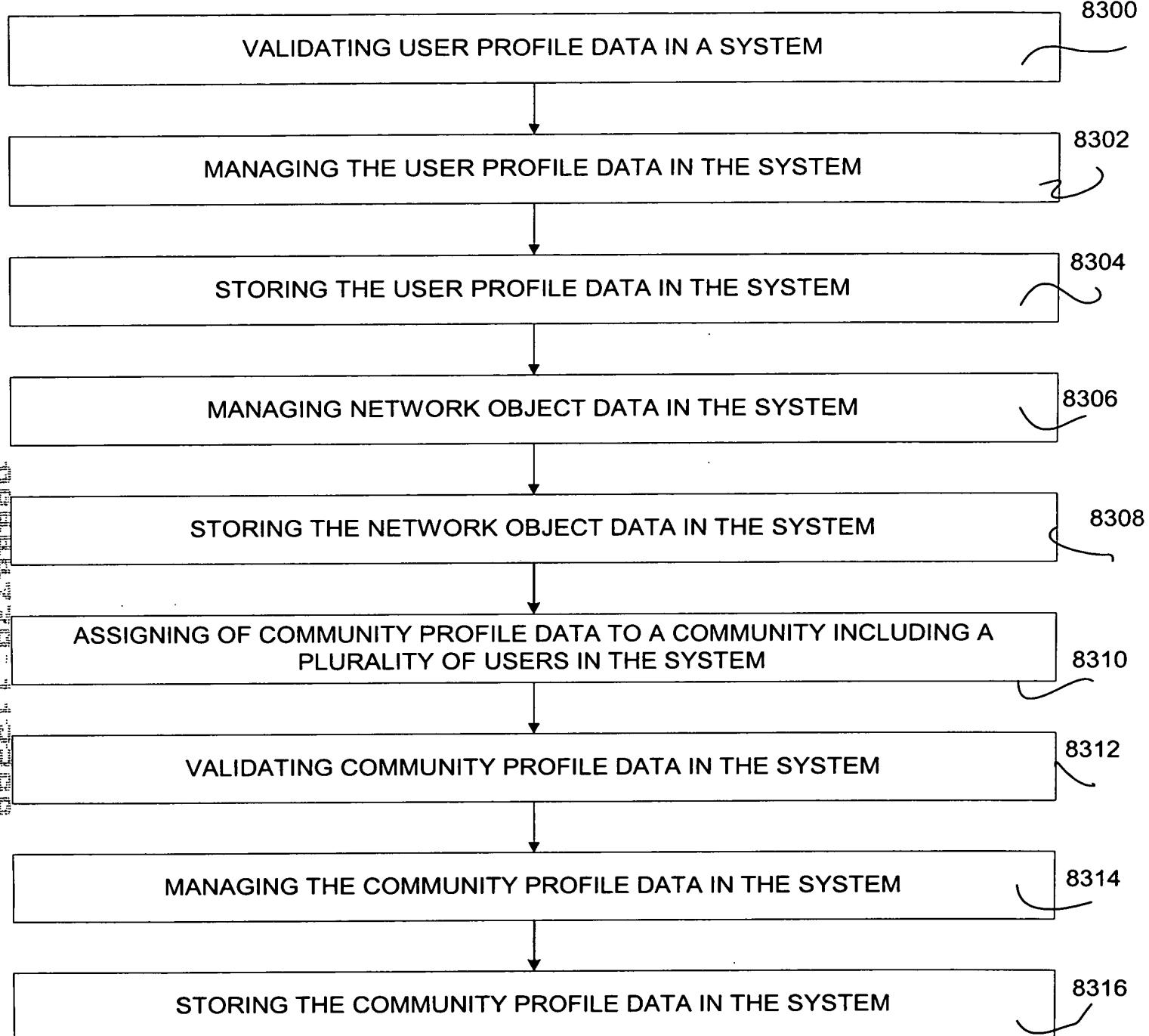
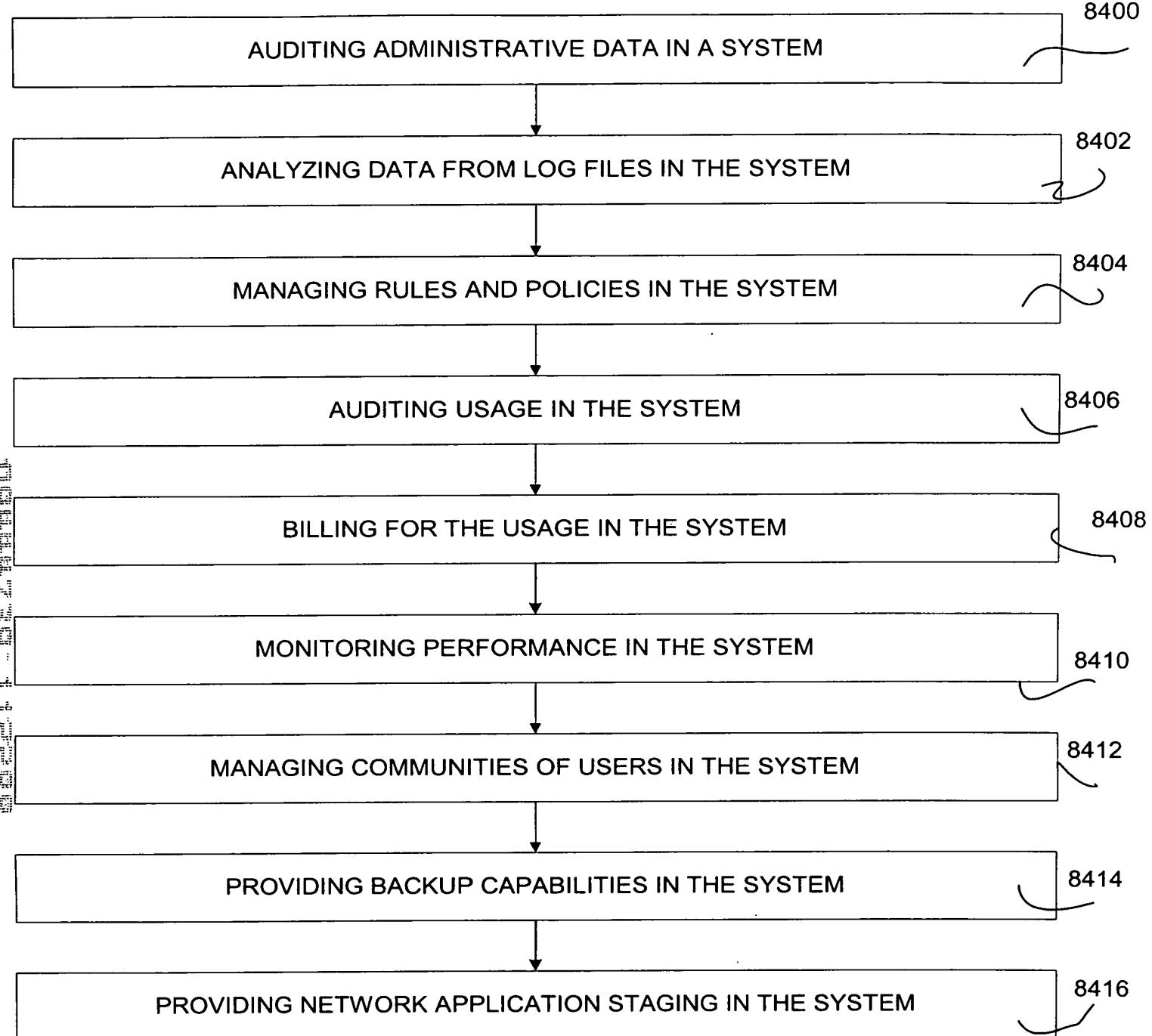
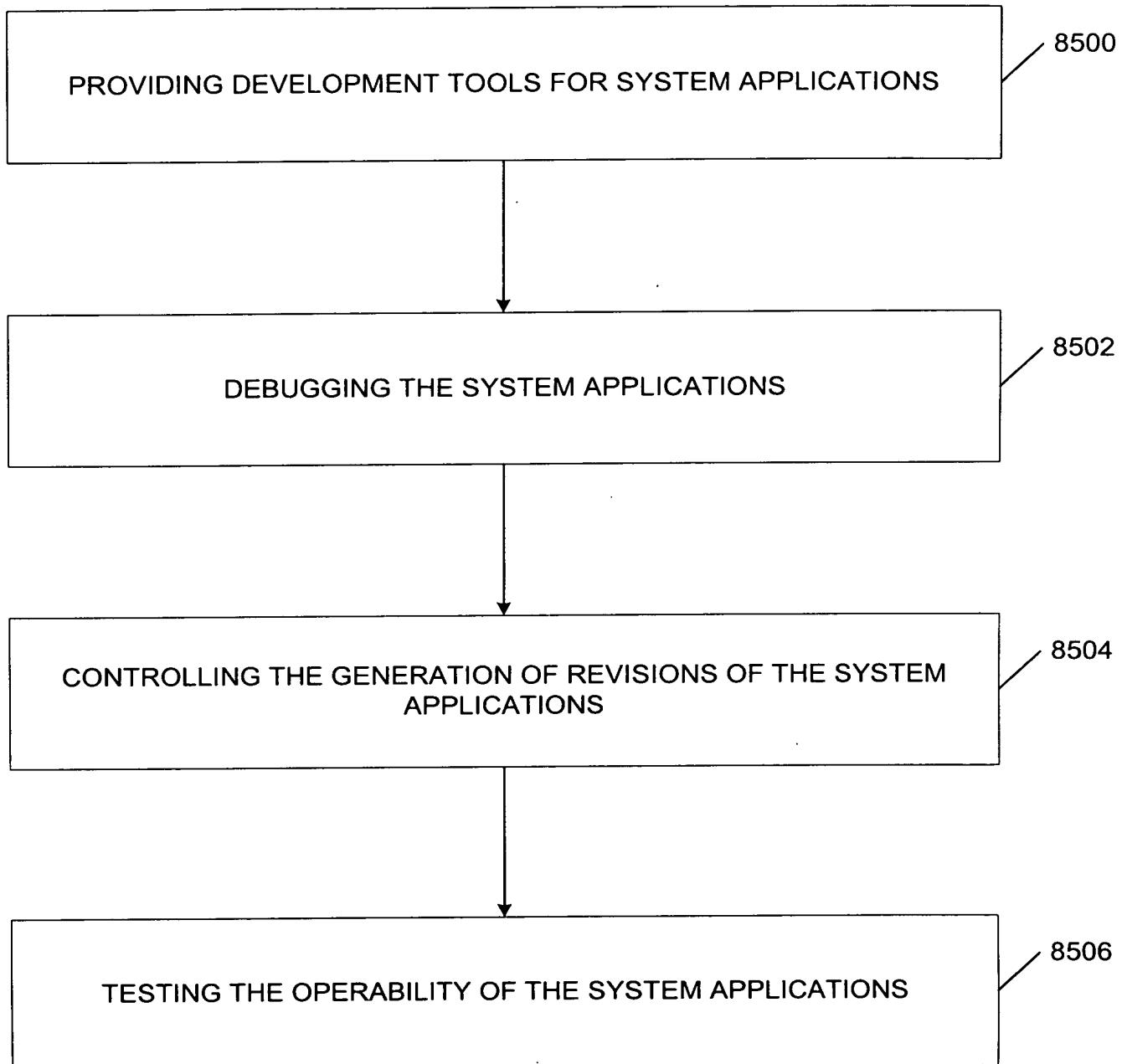


Figure 83



5330

Figure 84



5332

Figure 85

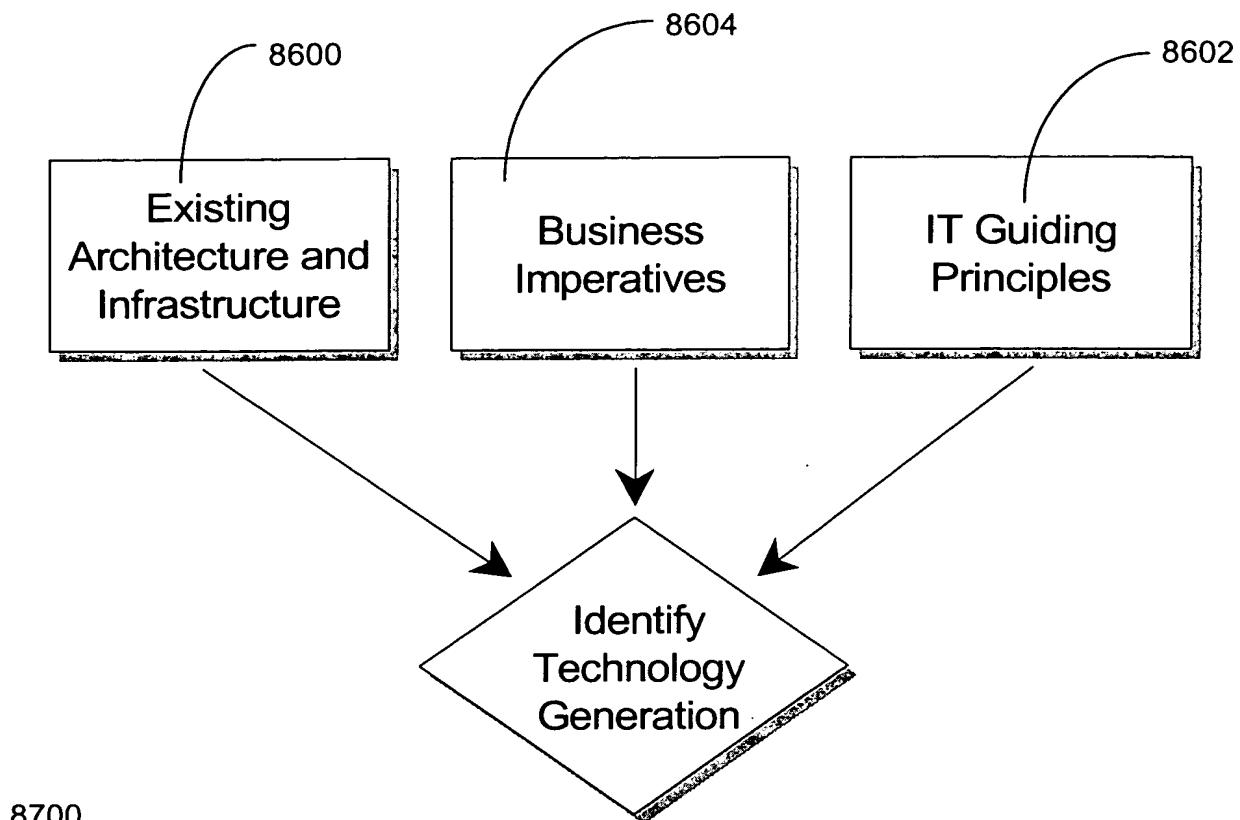


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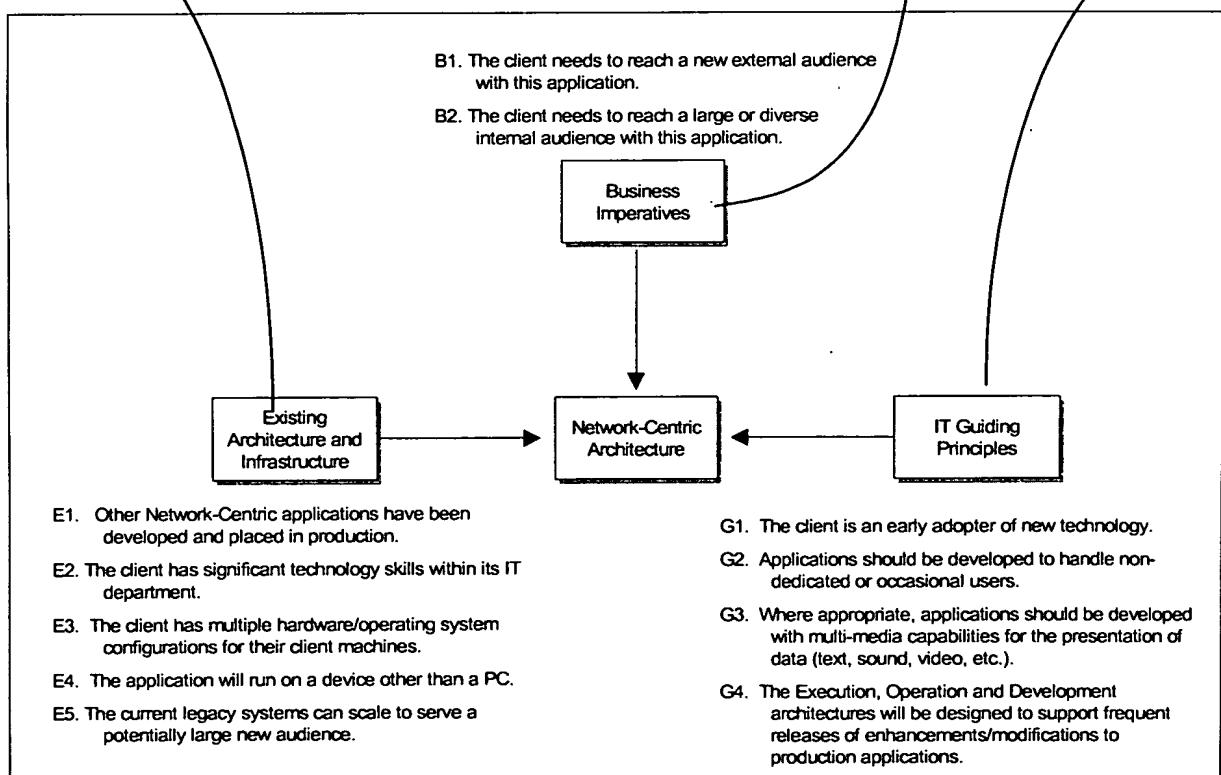


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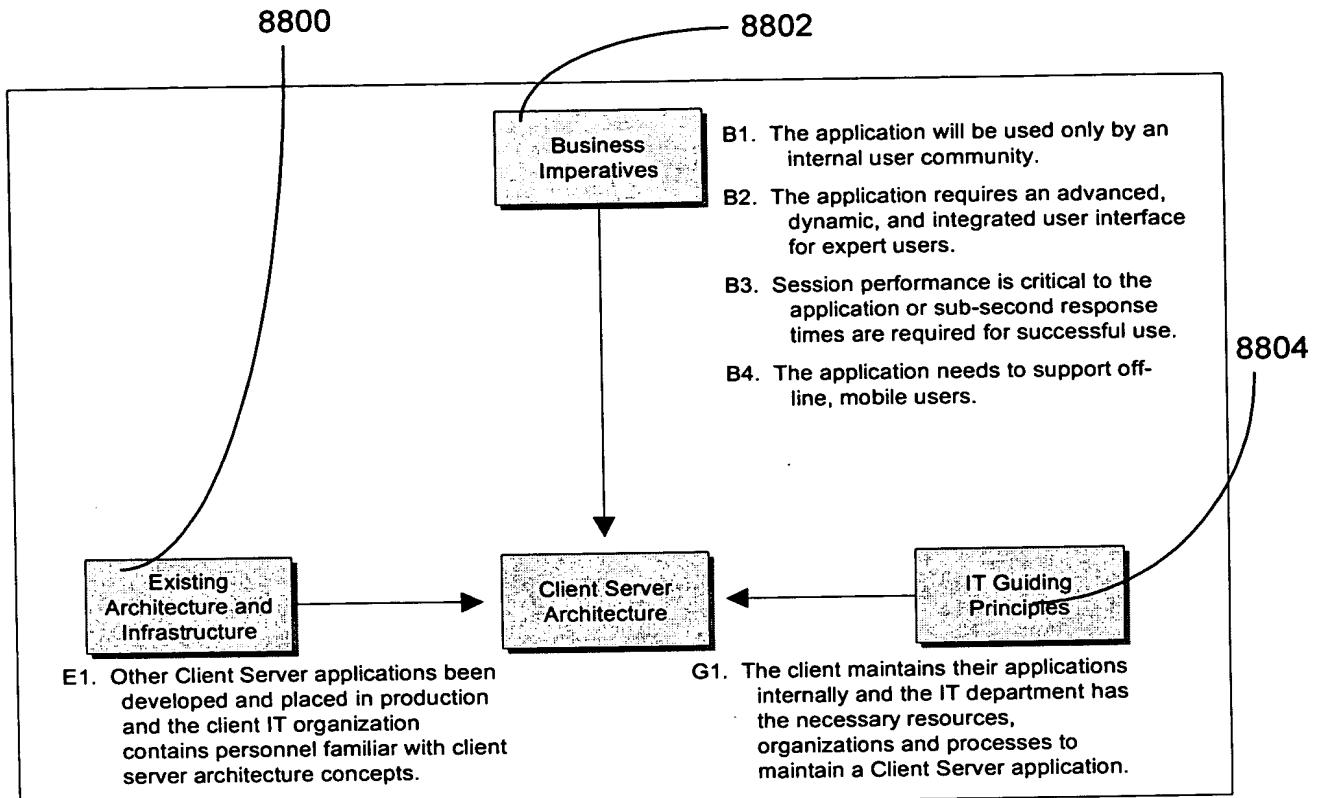


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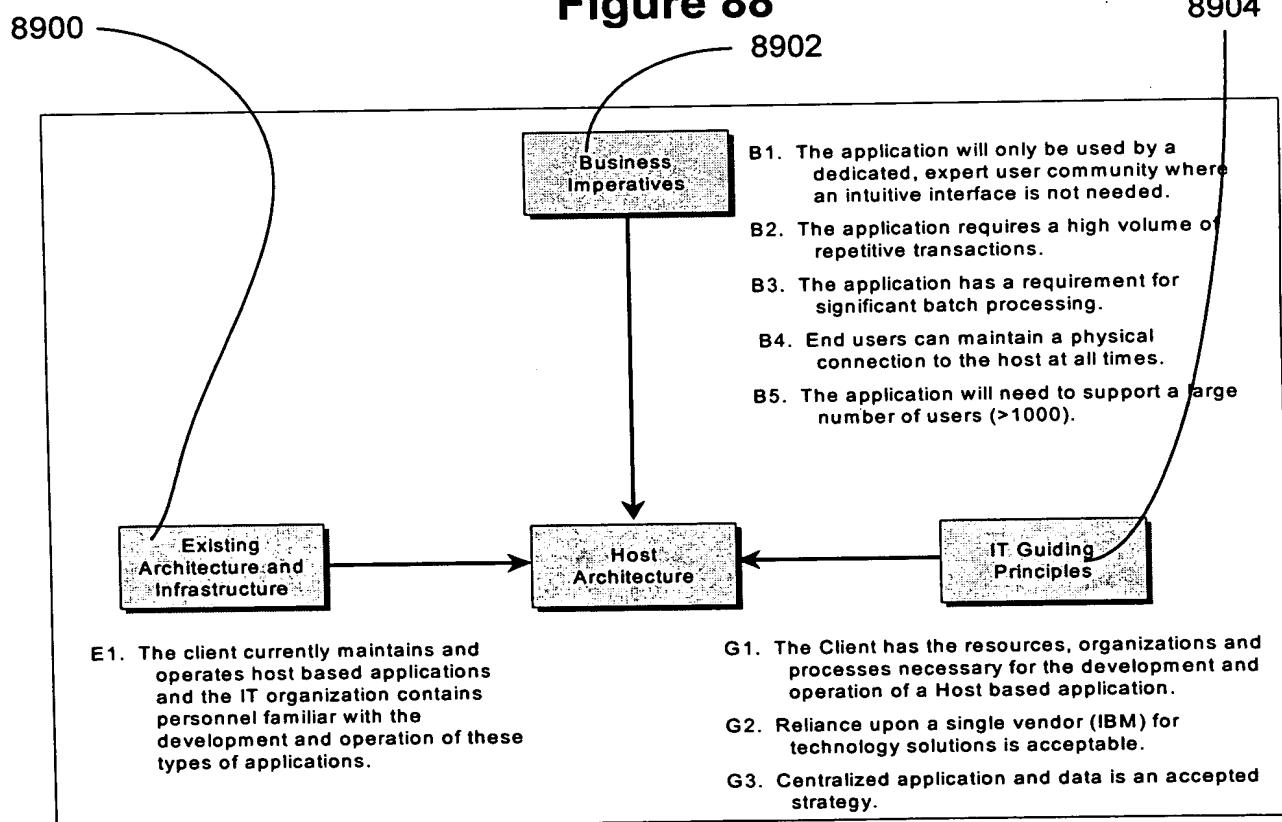


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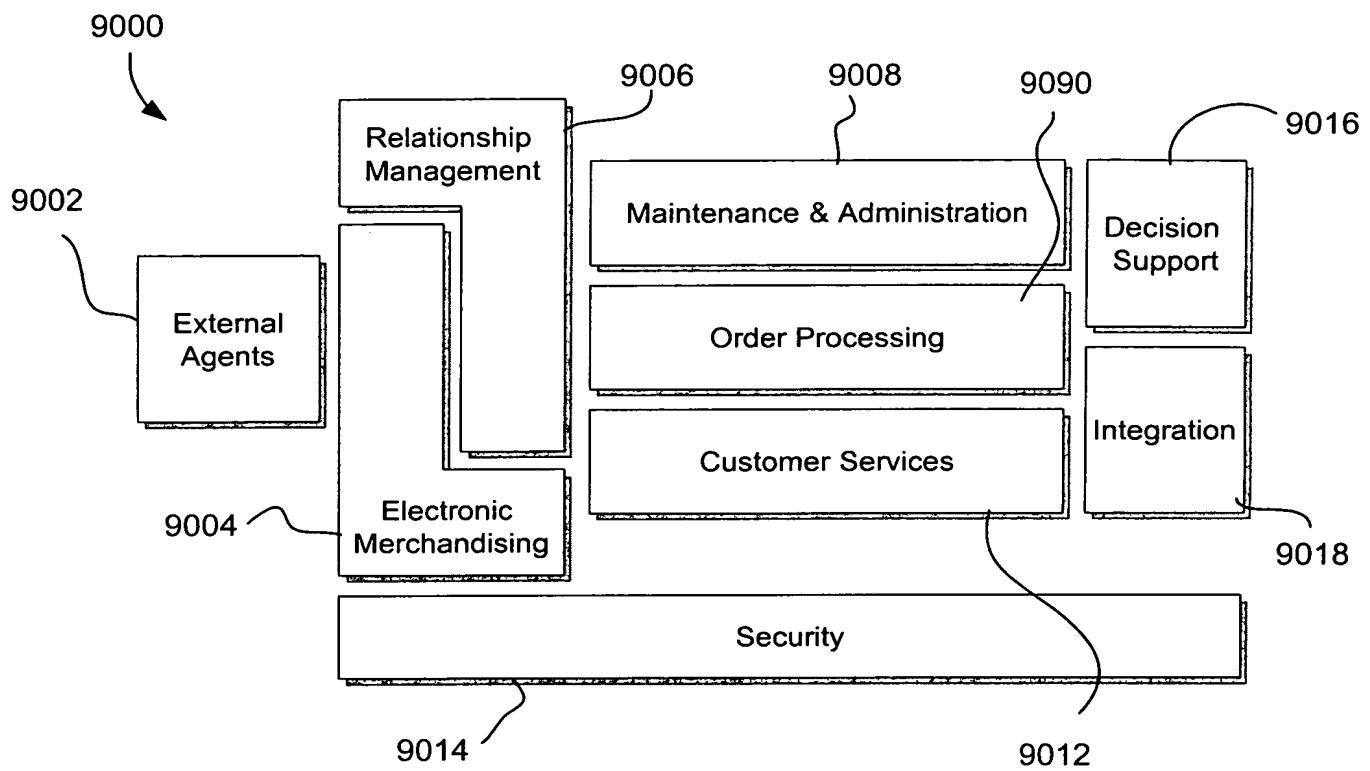


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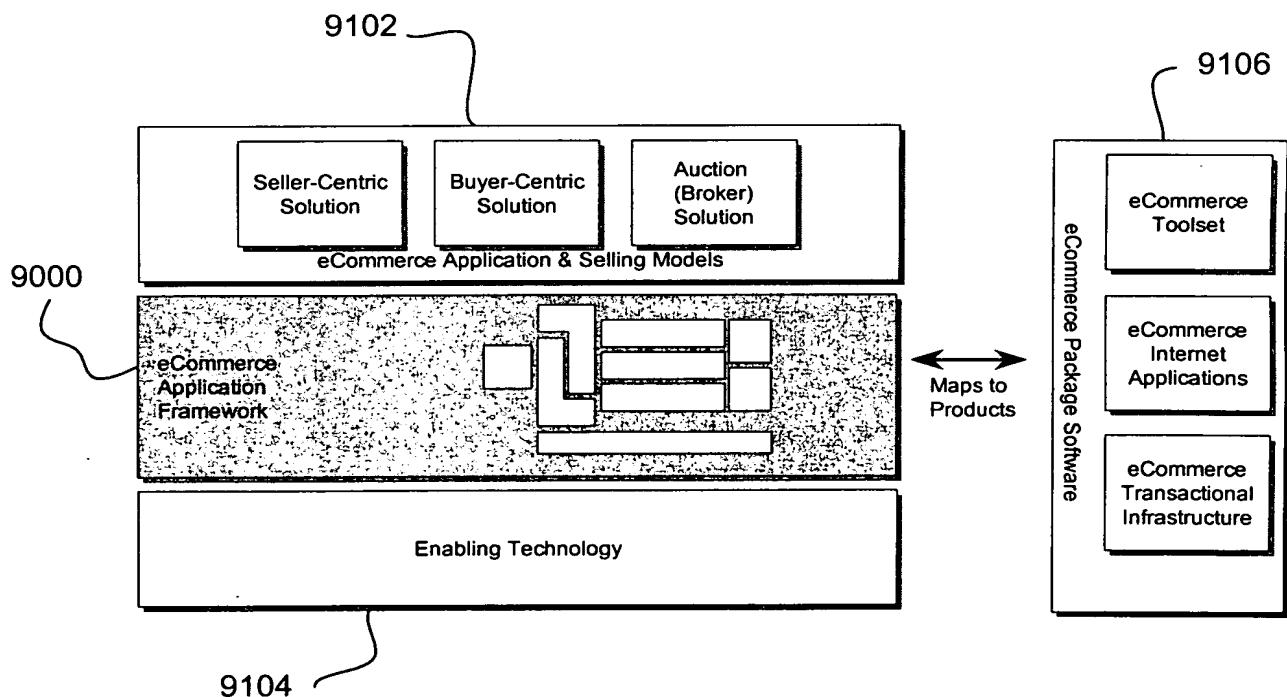


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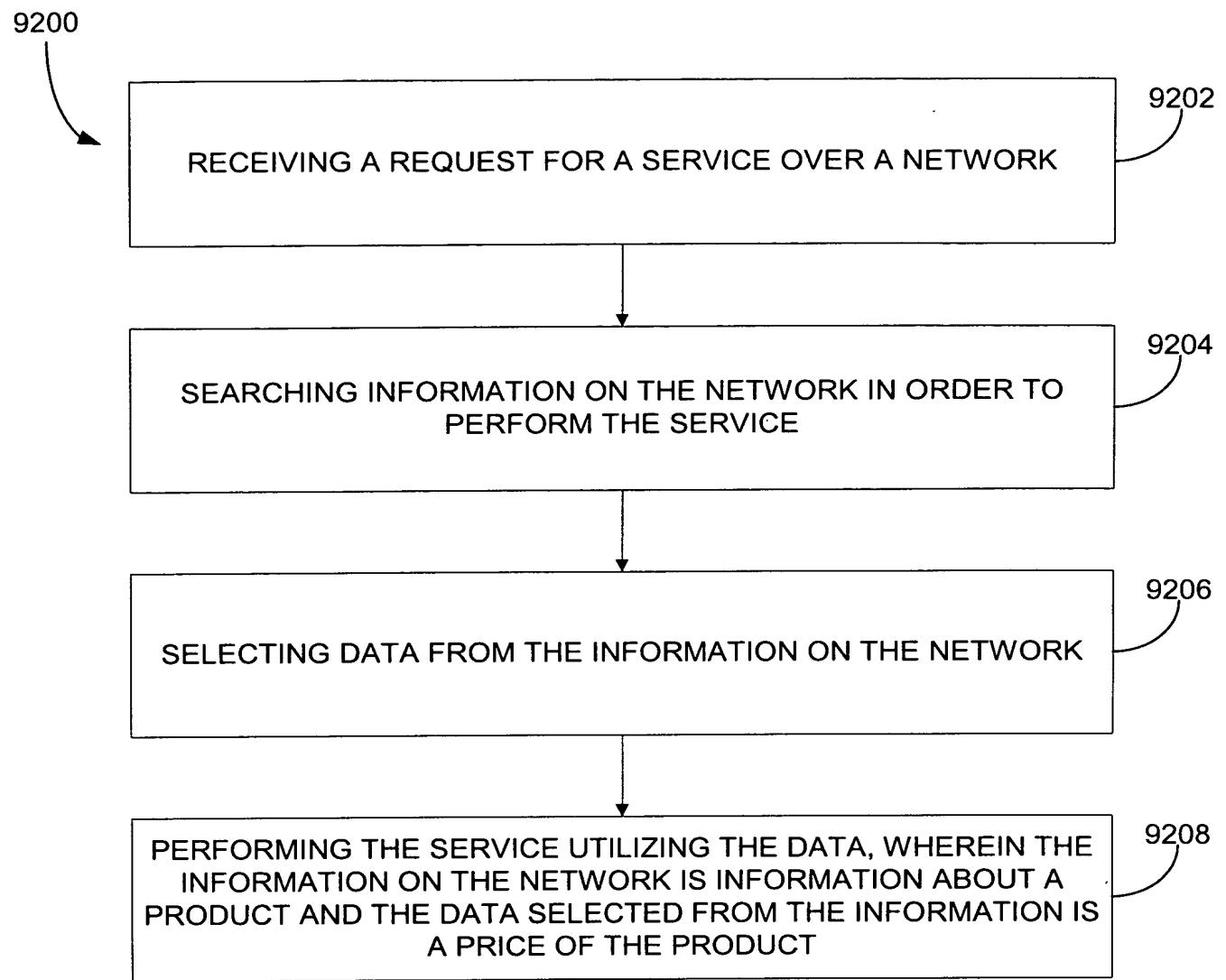


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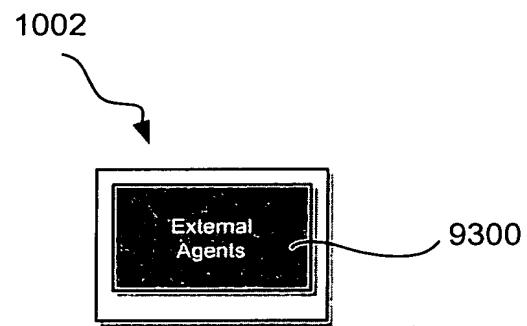


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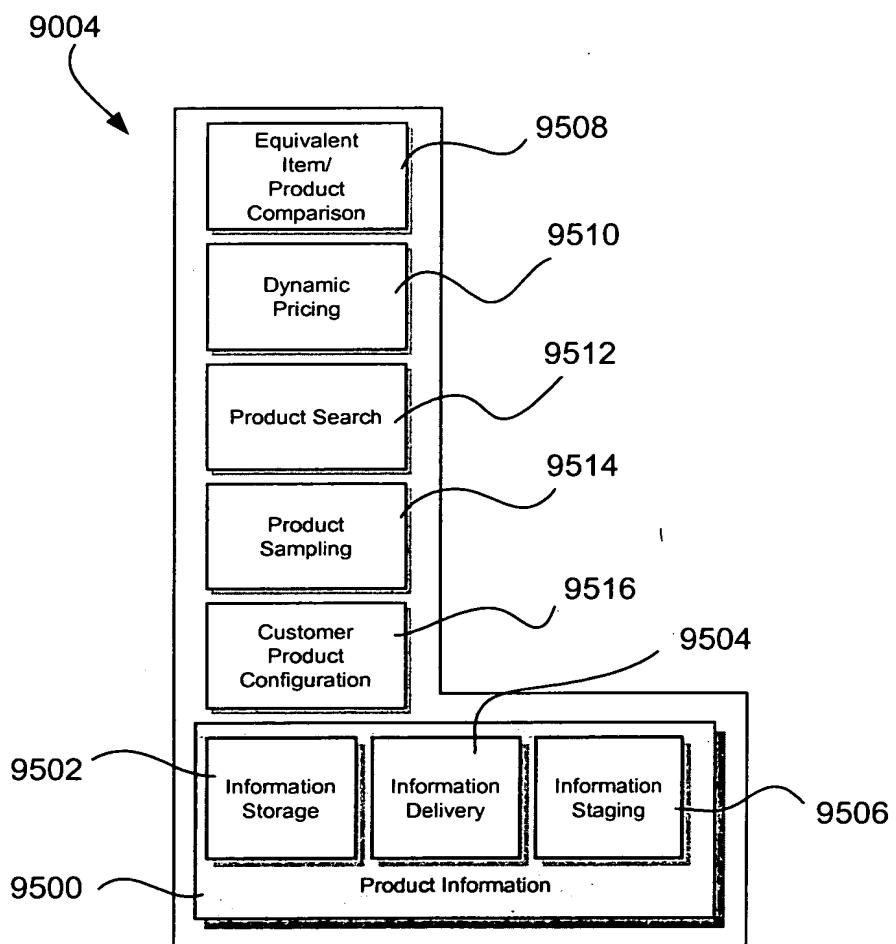


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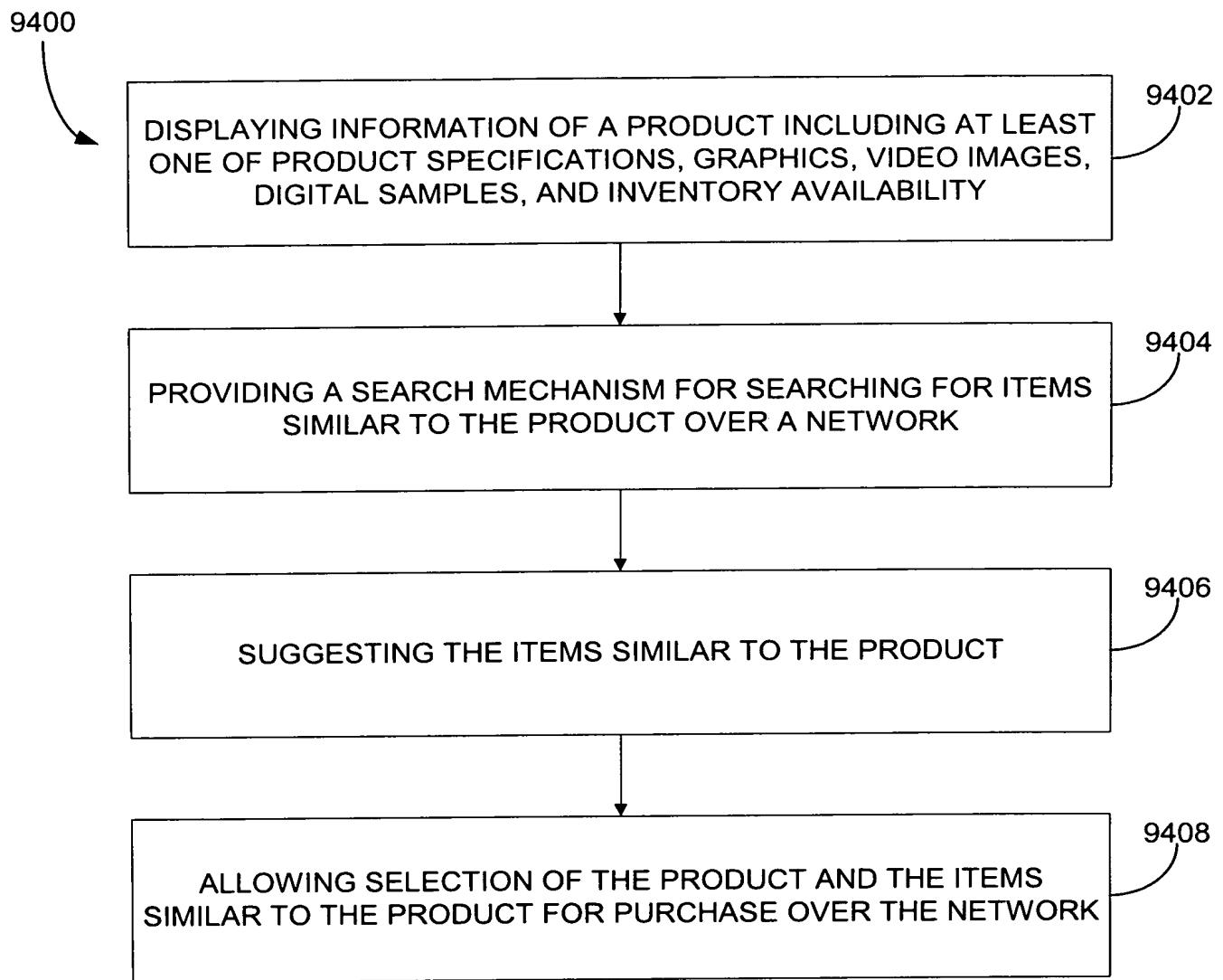


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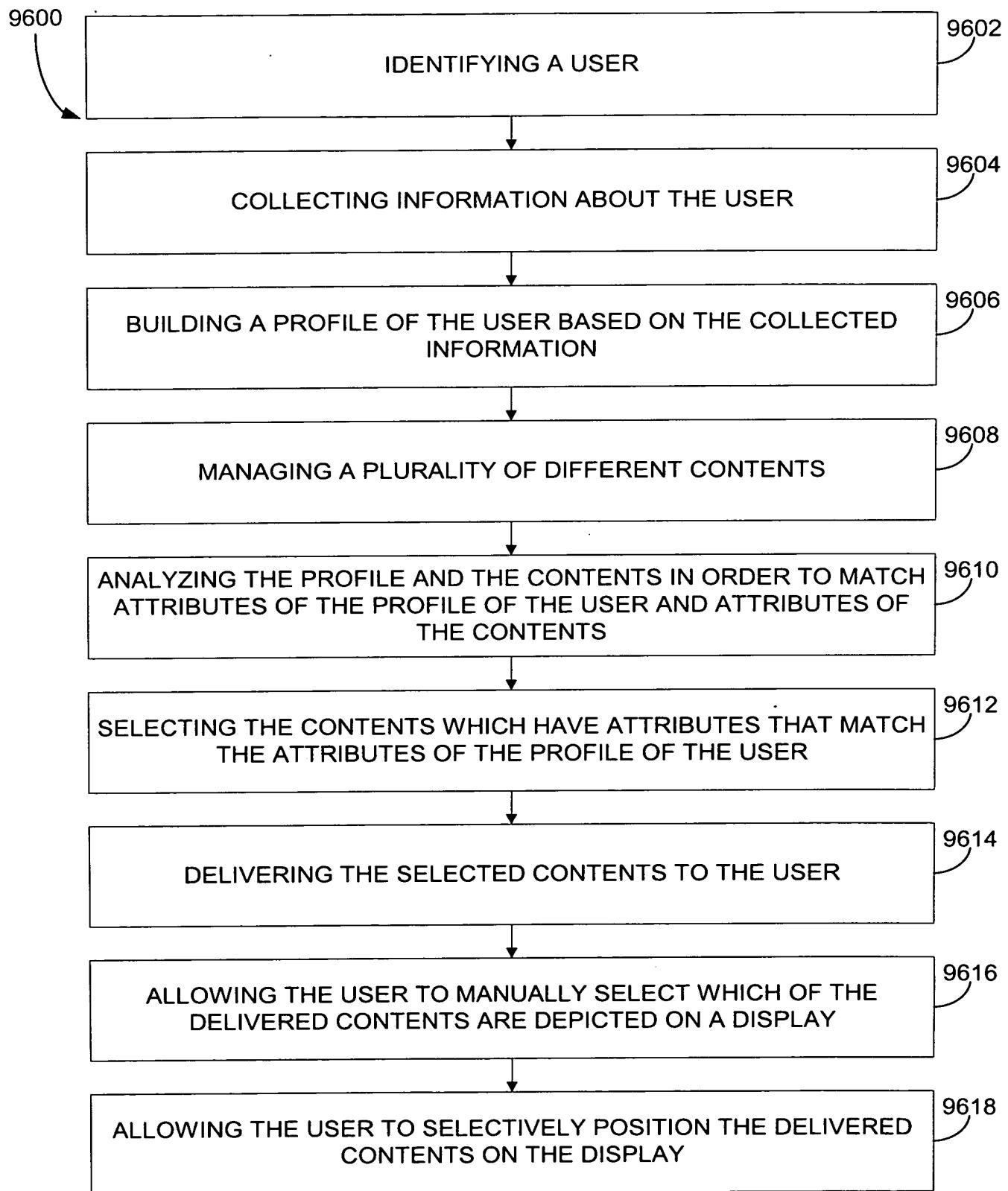


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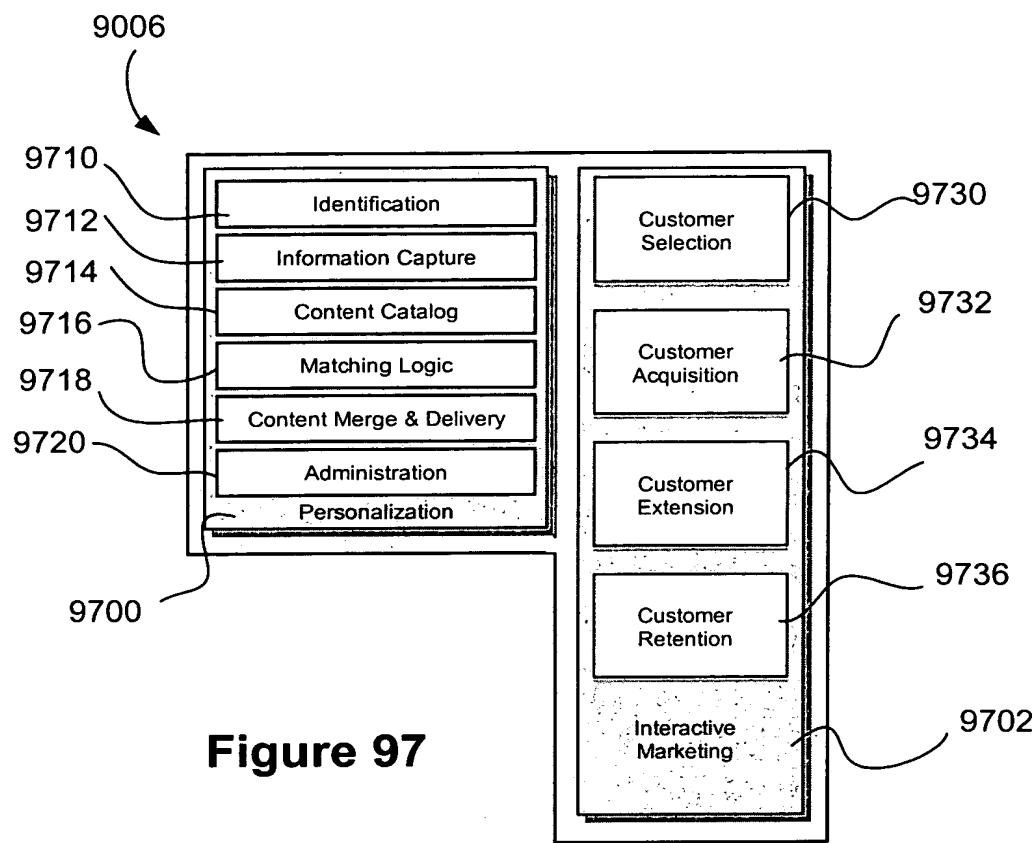


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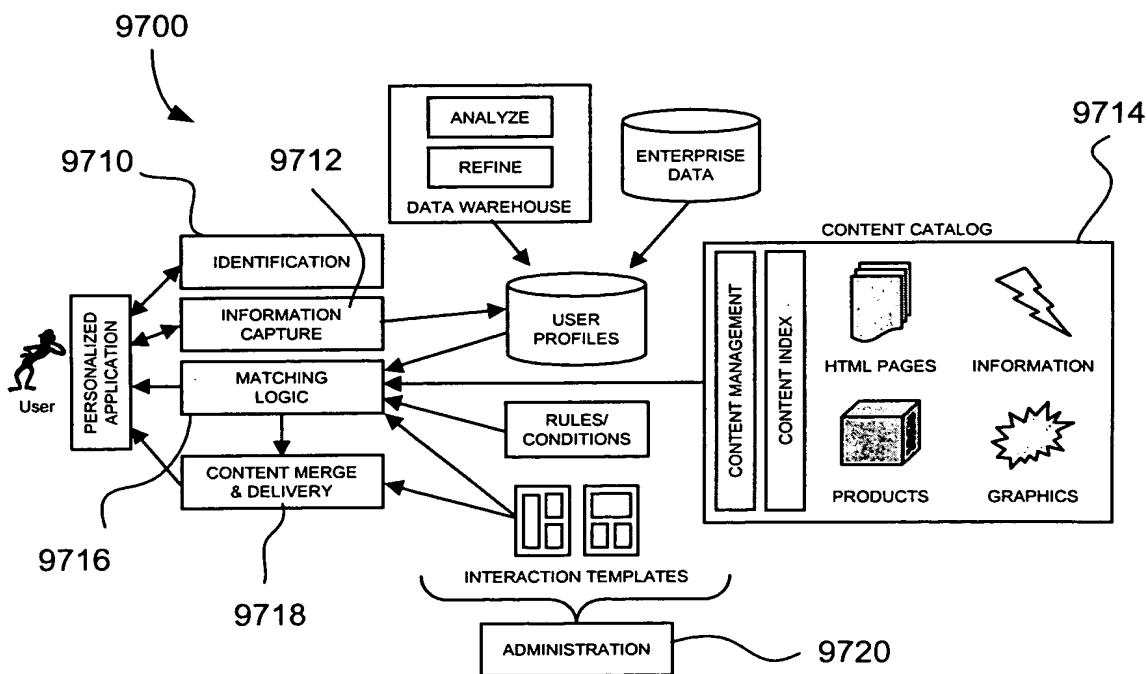


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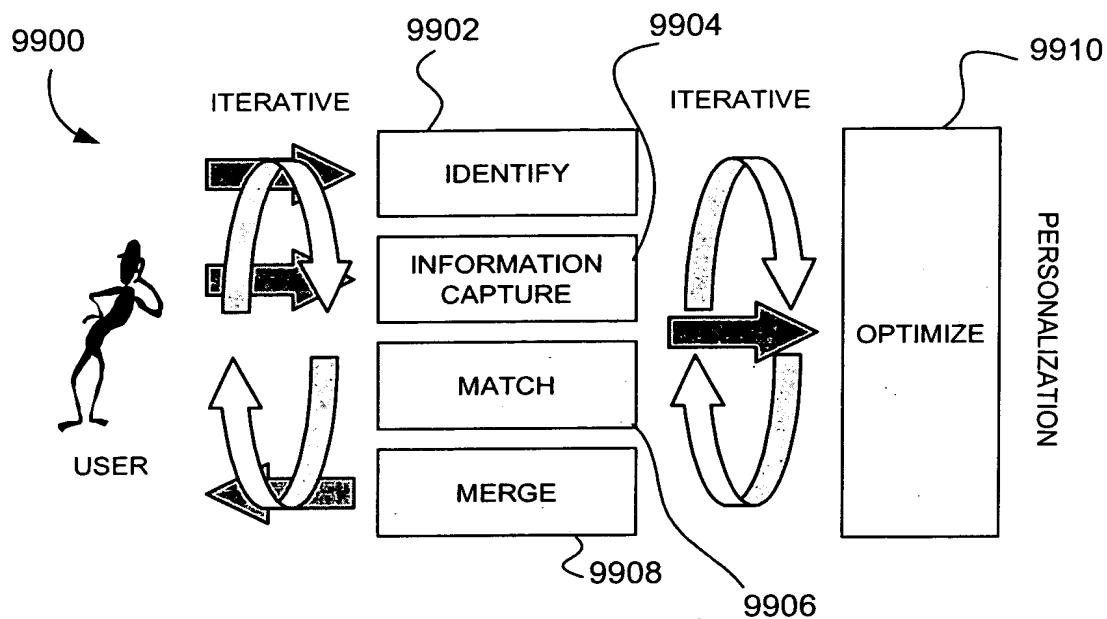


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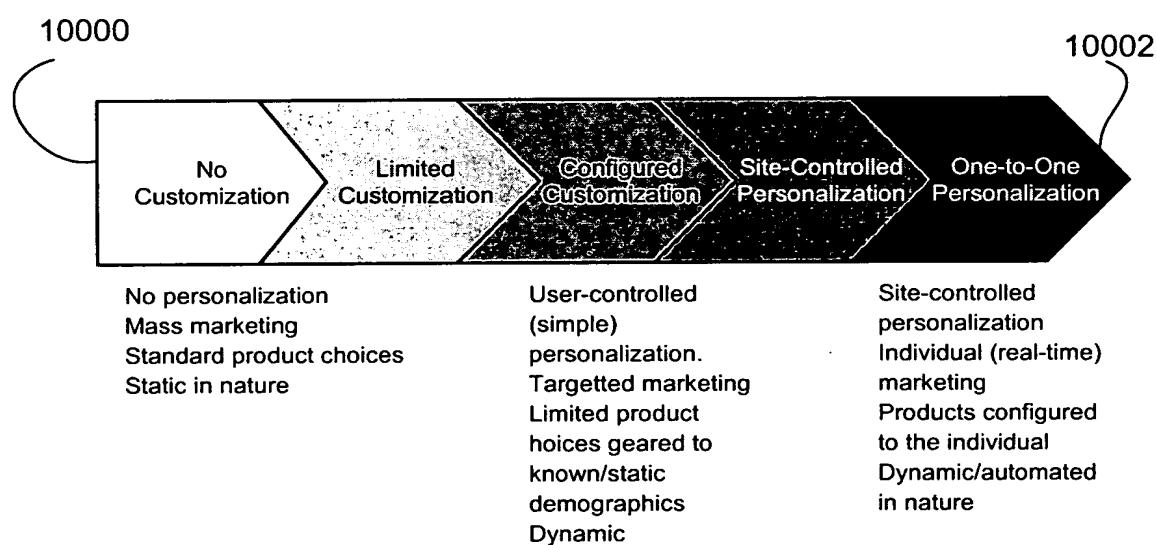


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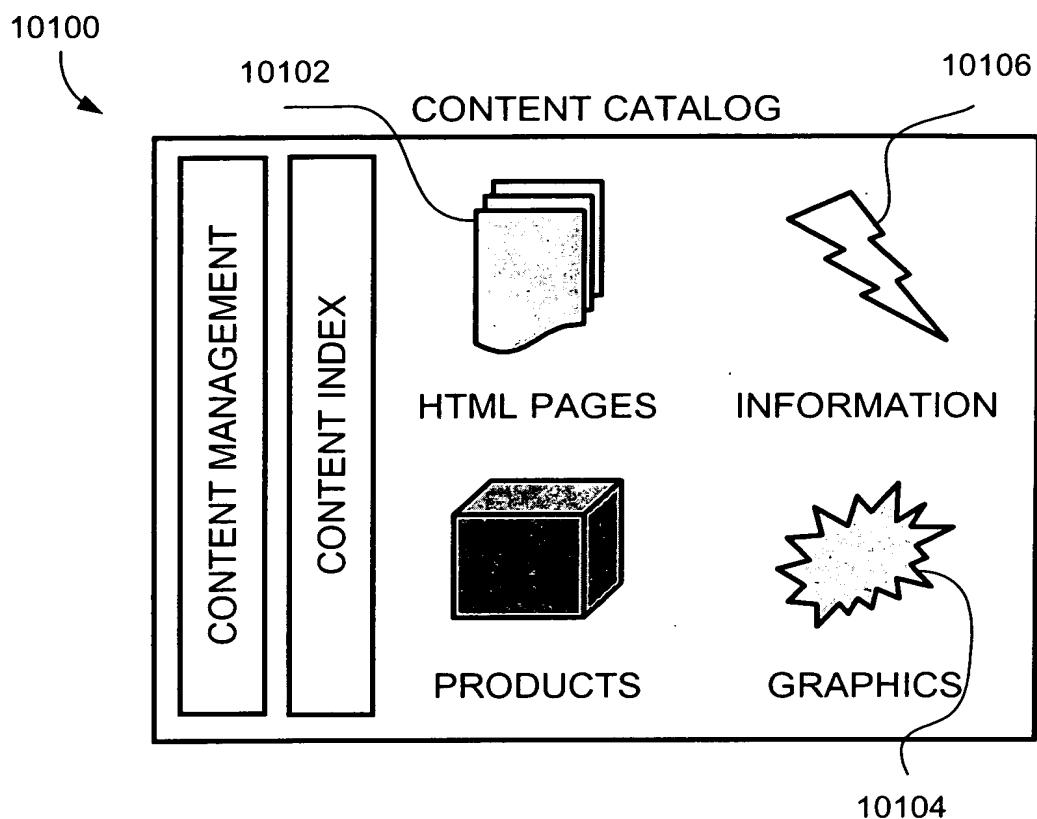


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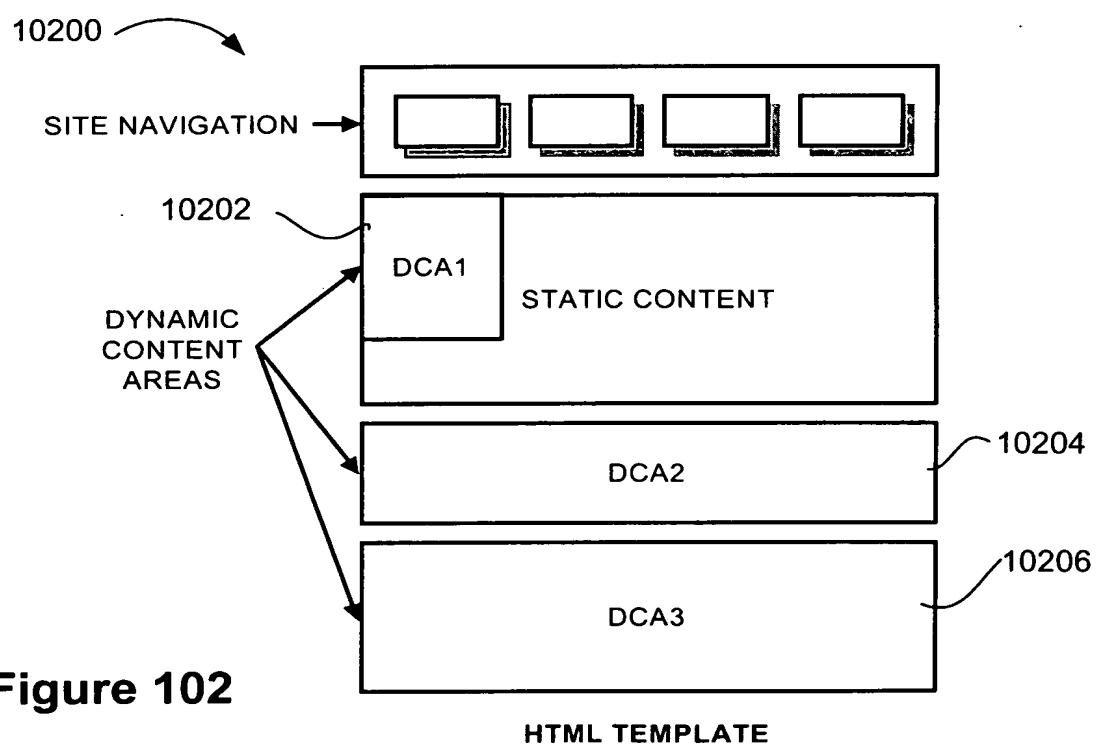


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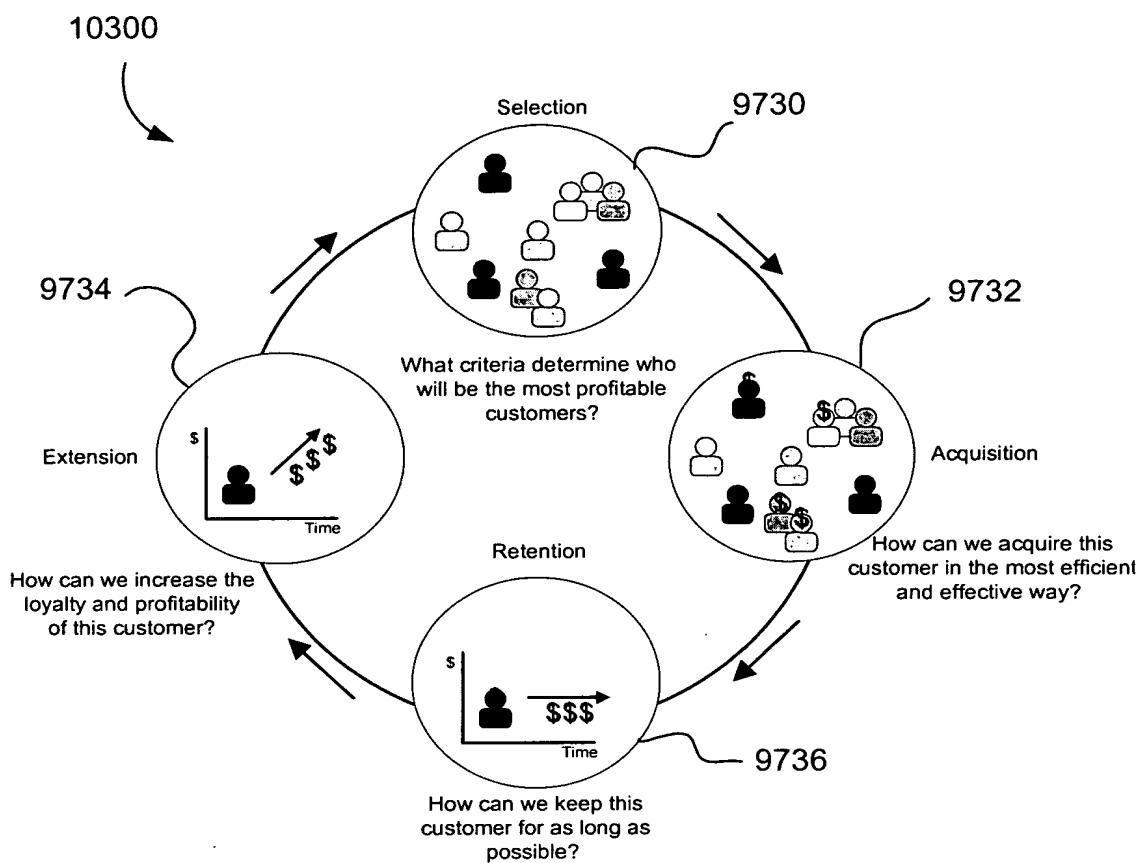


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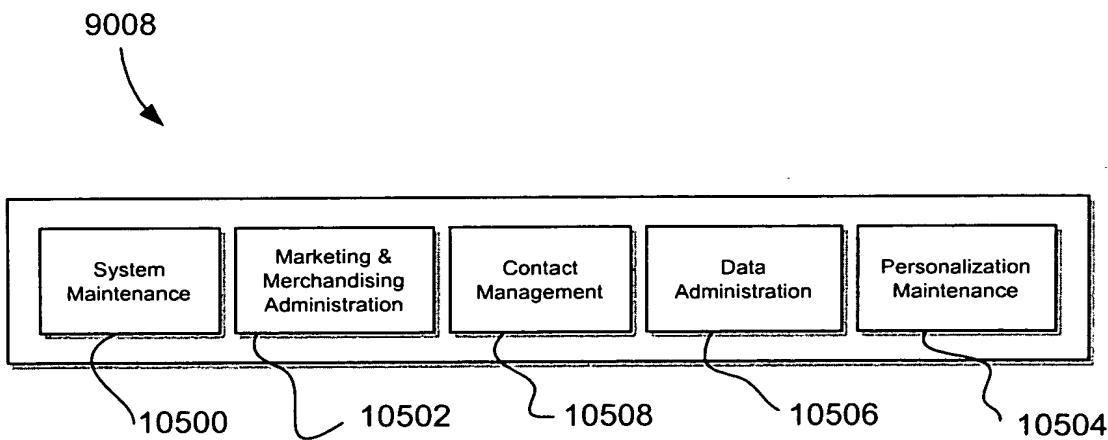


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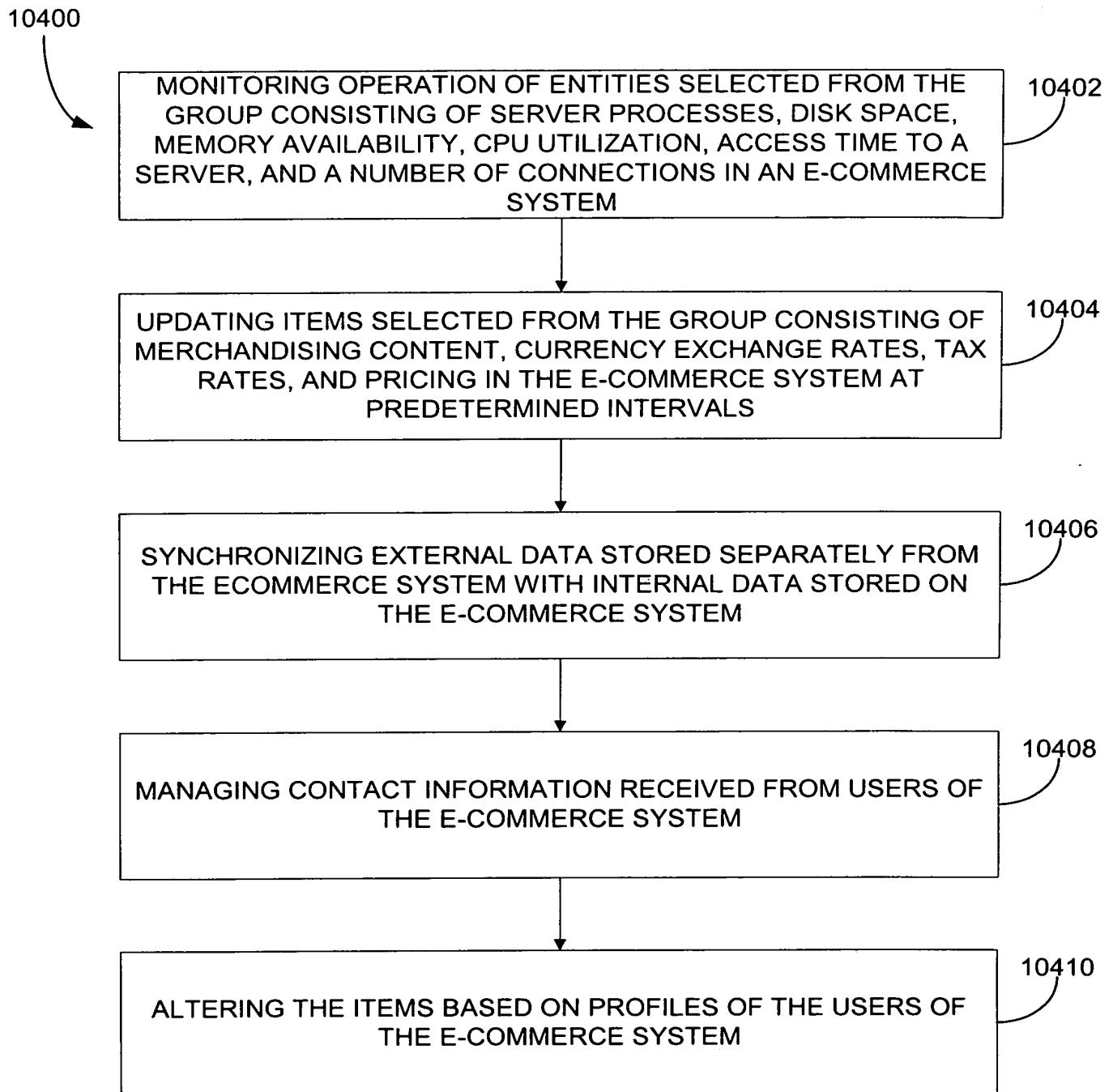


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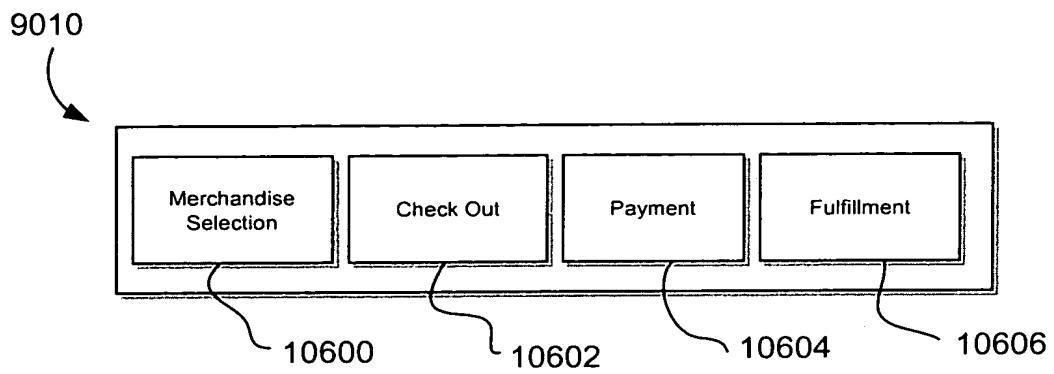


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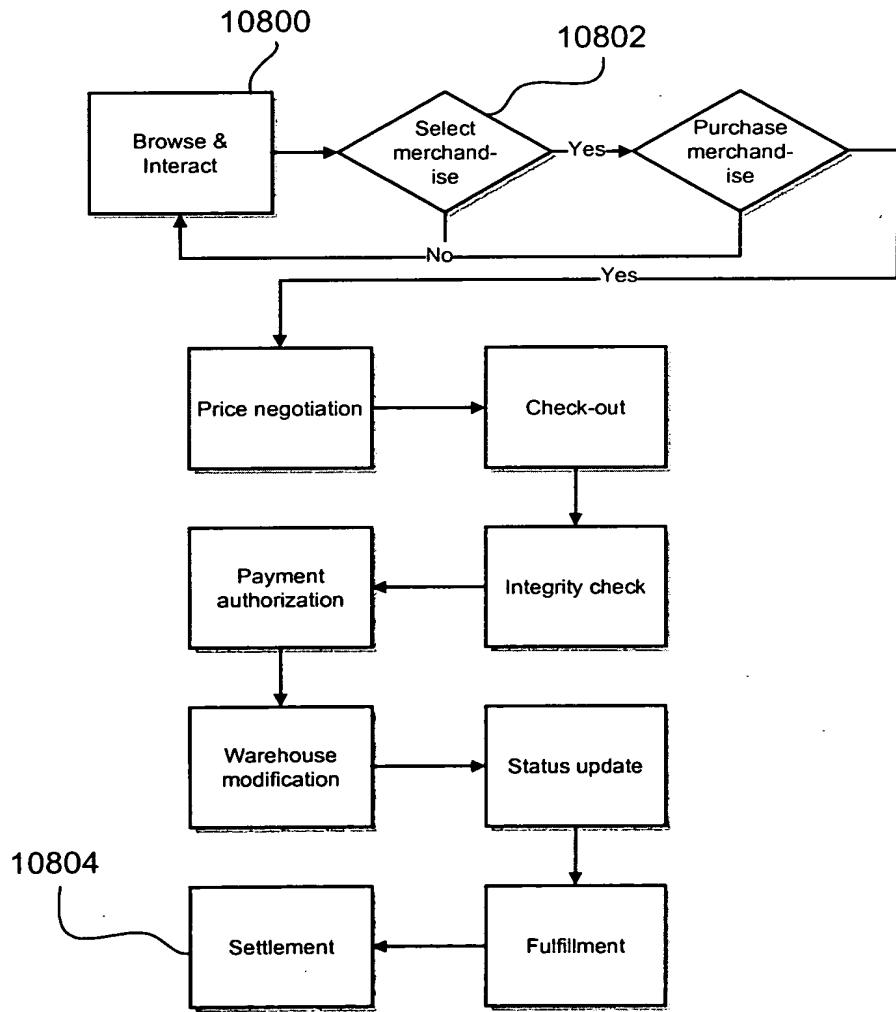


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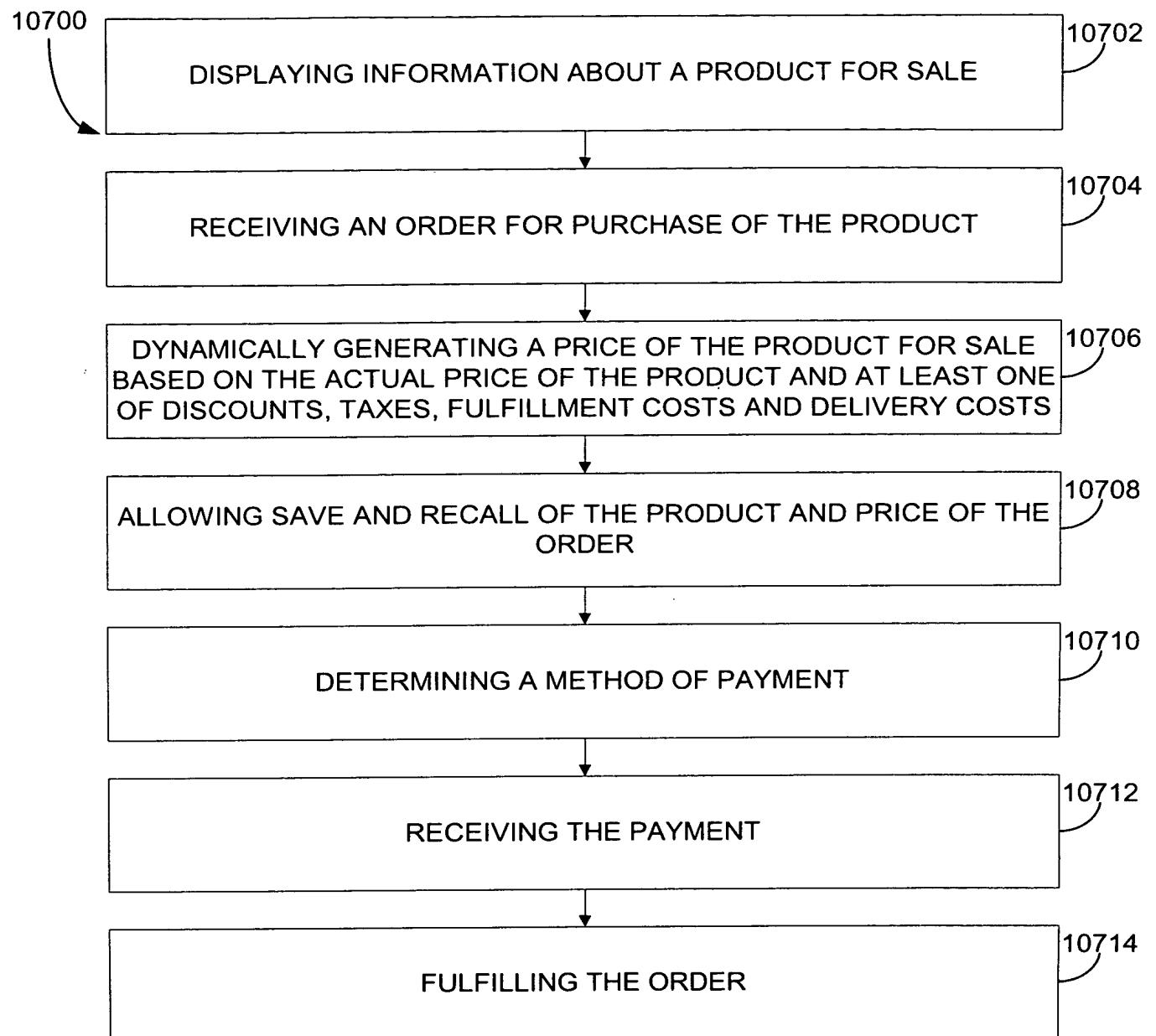


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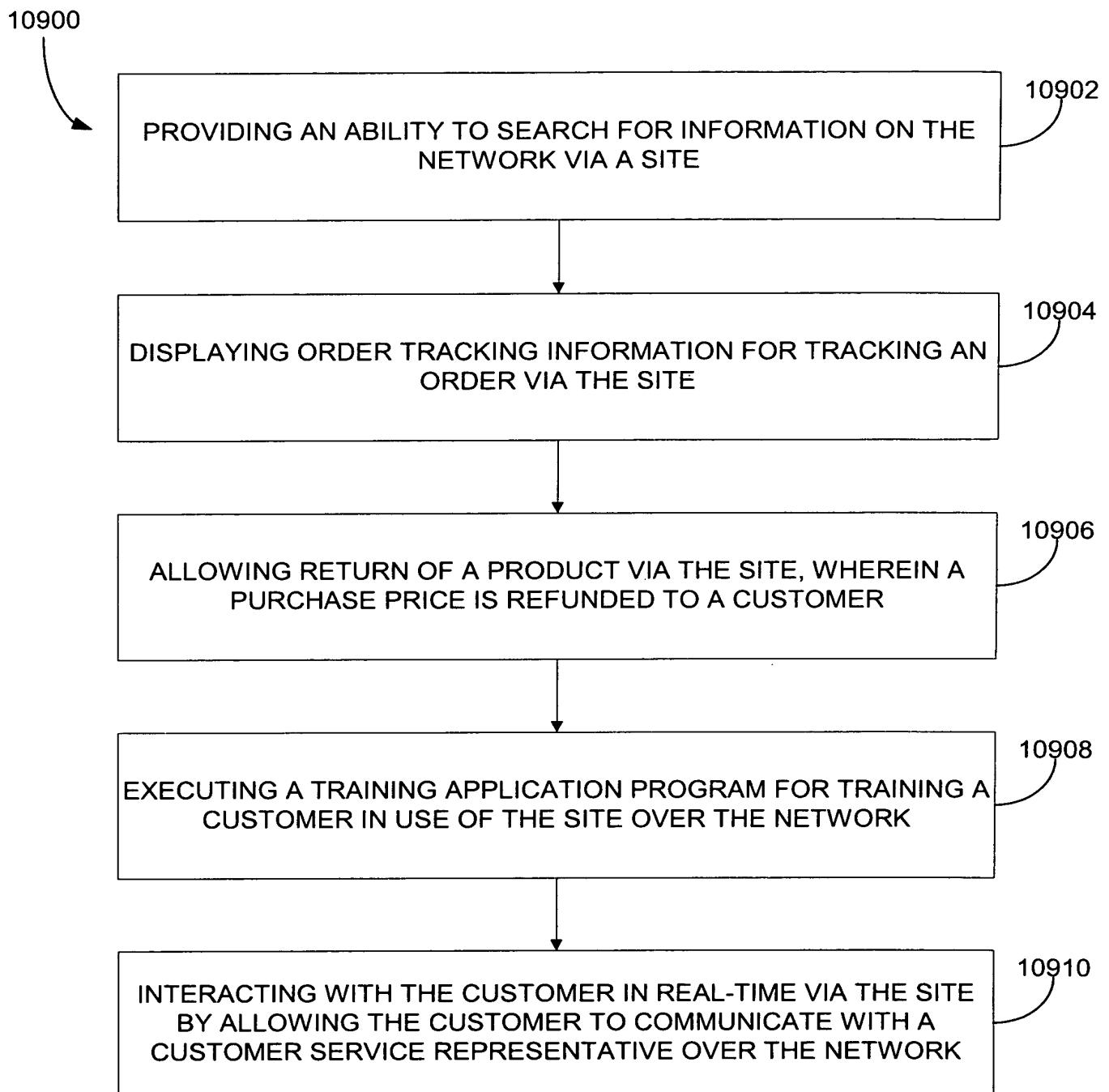


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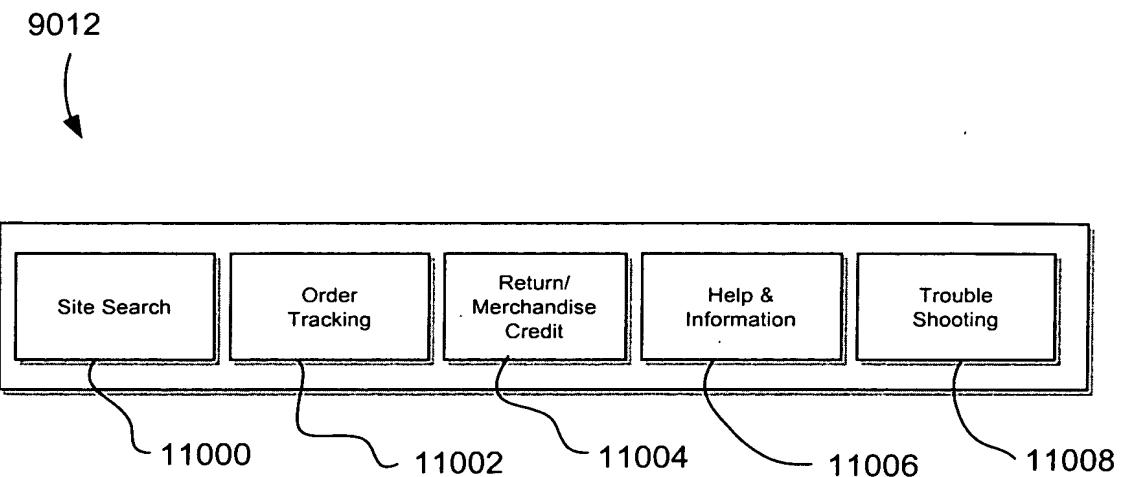


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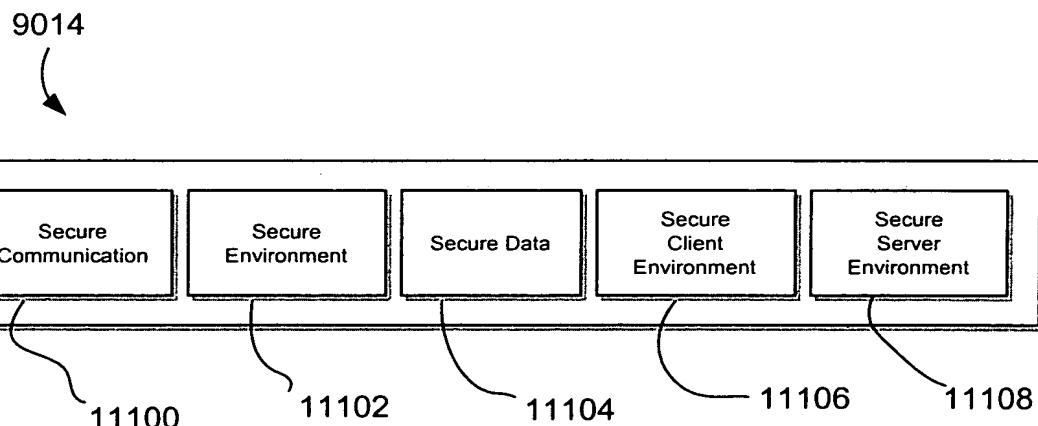


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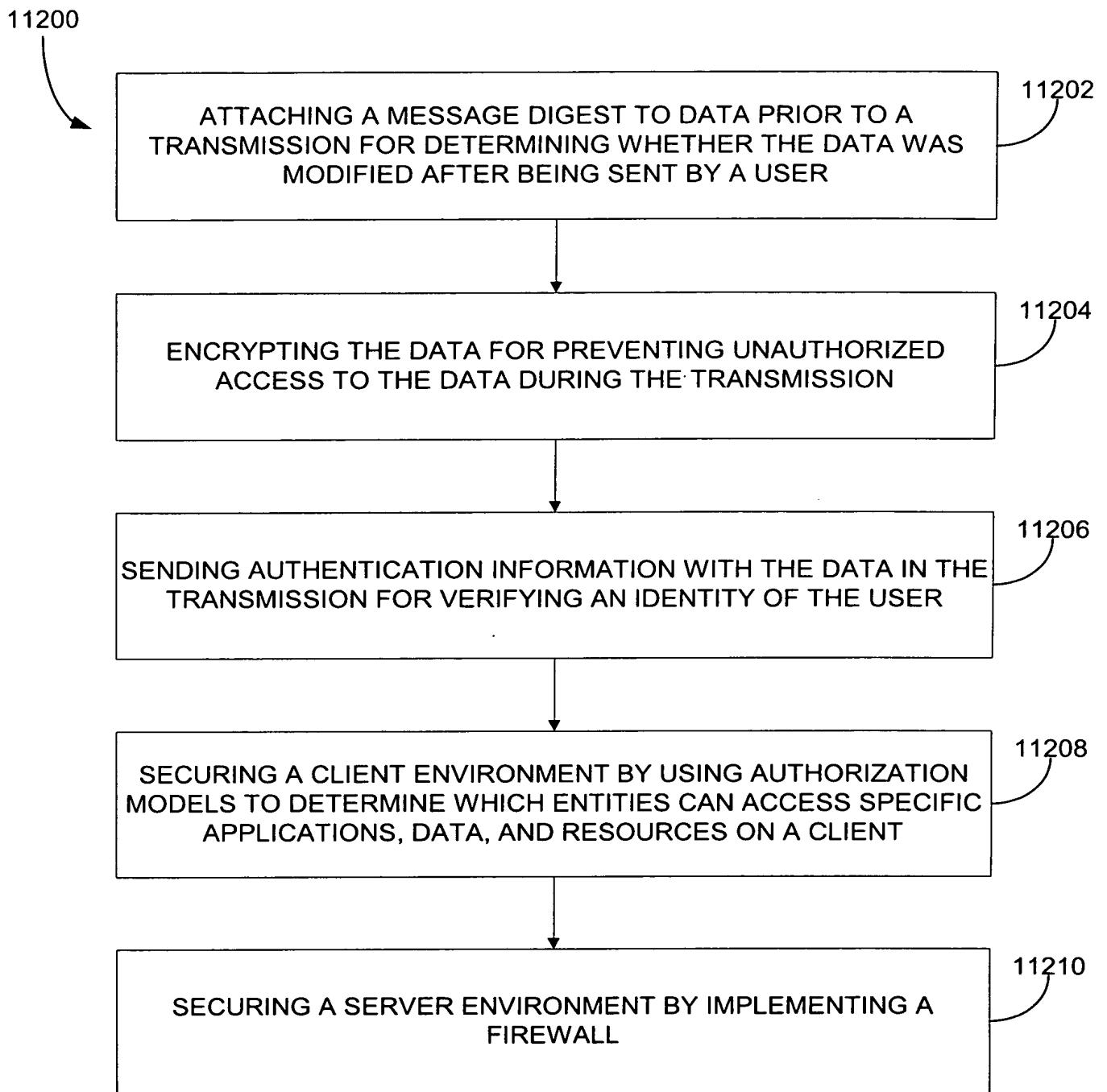


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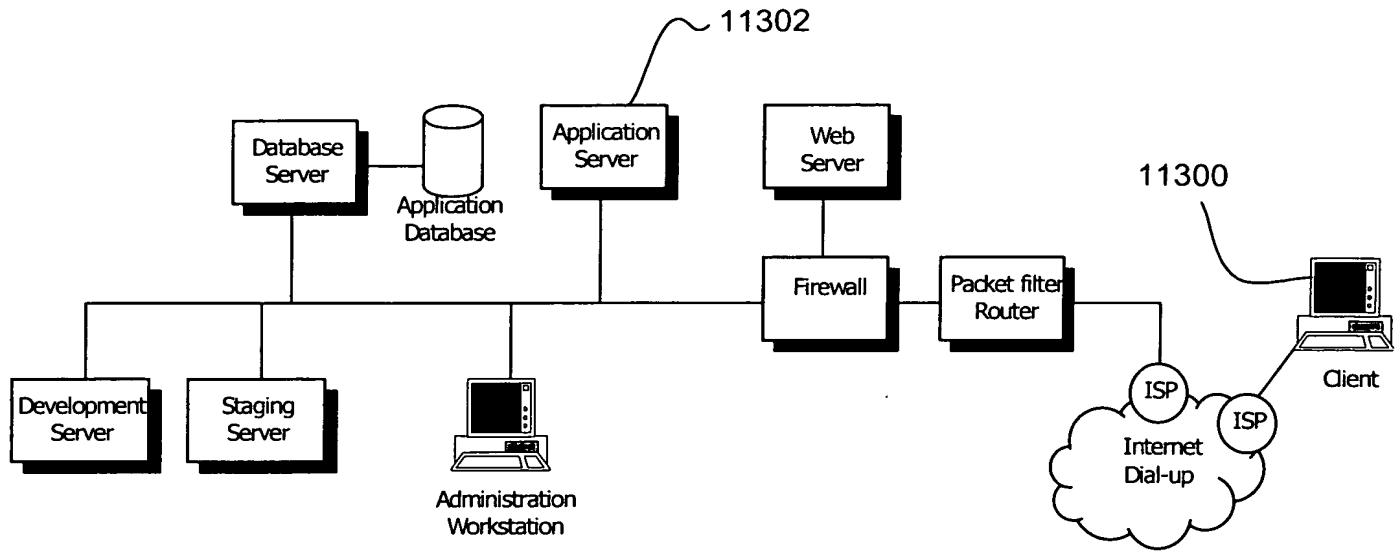


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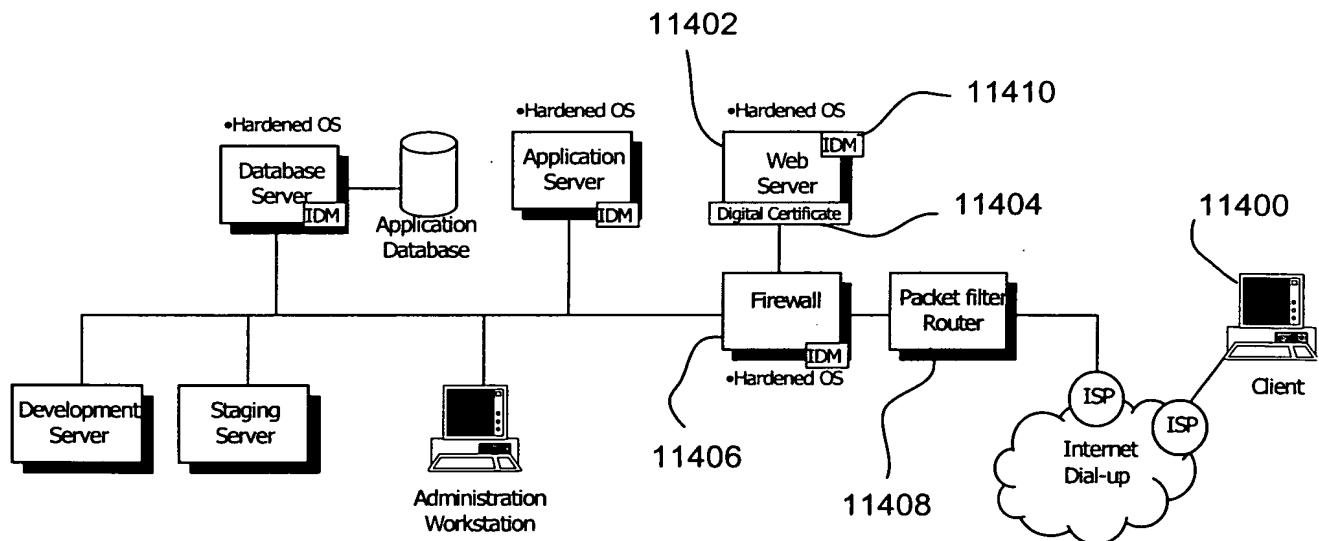


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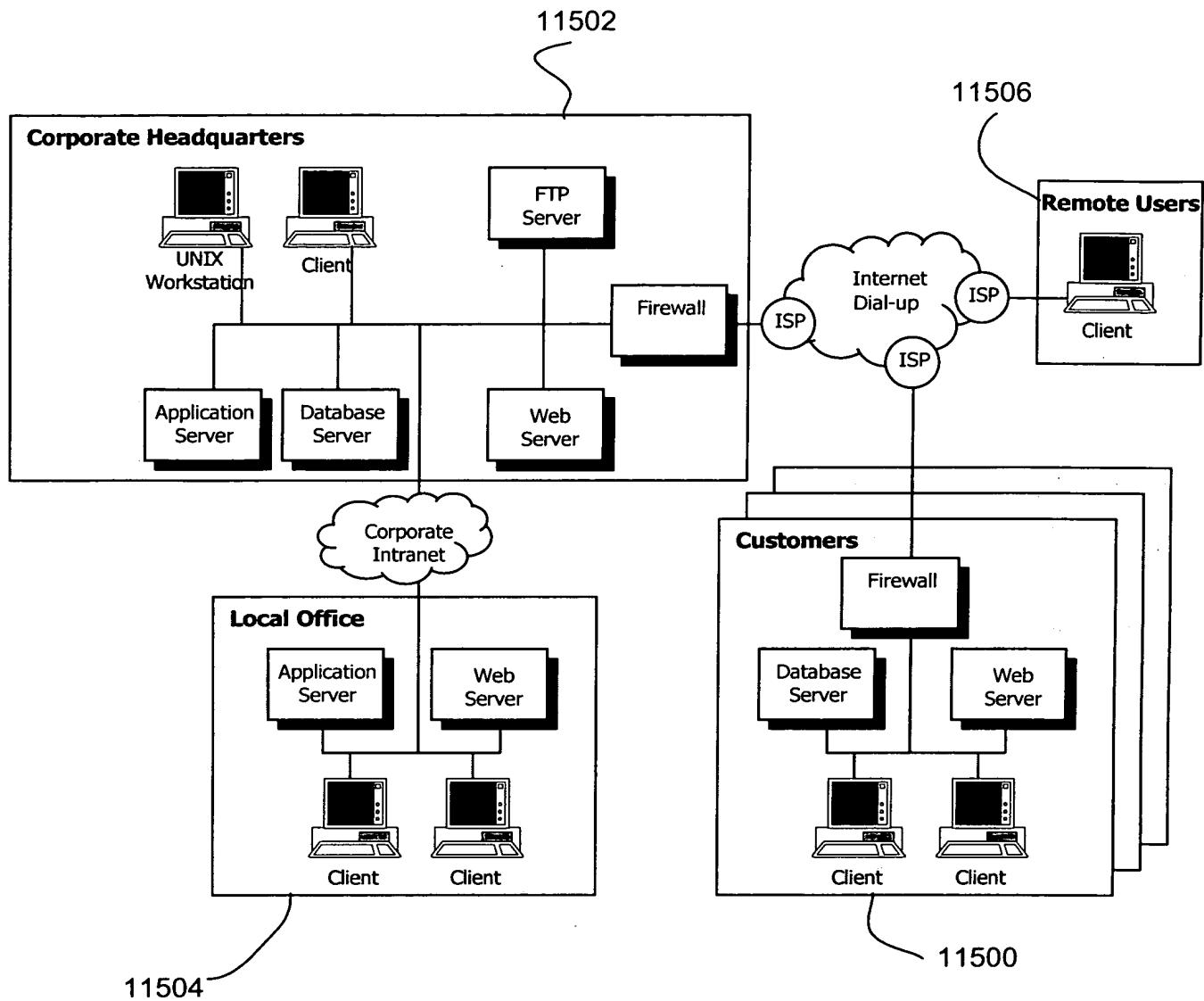


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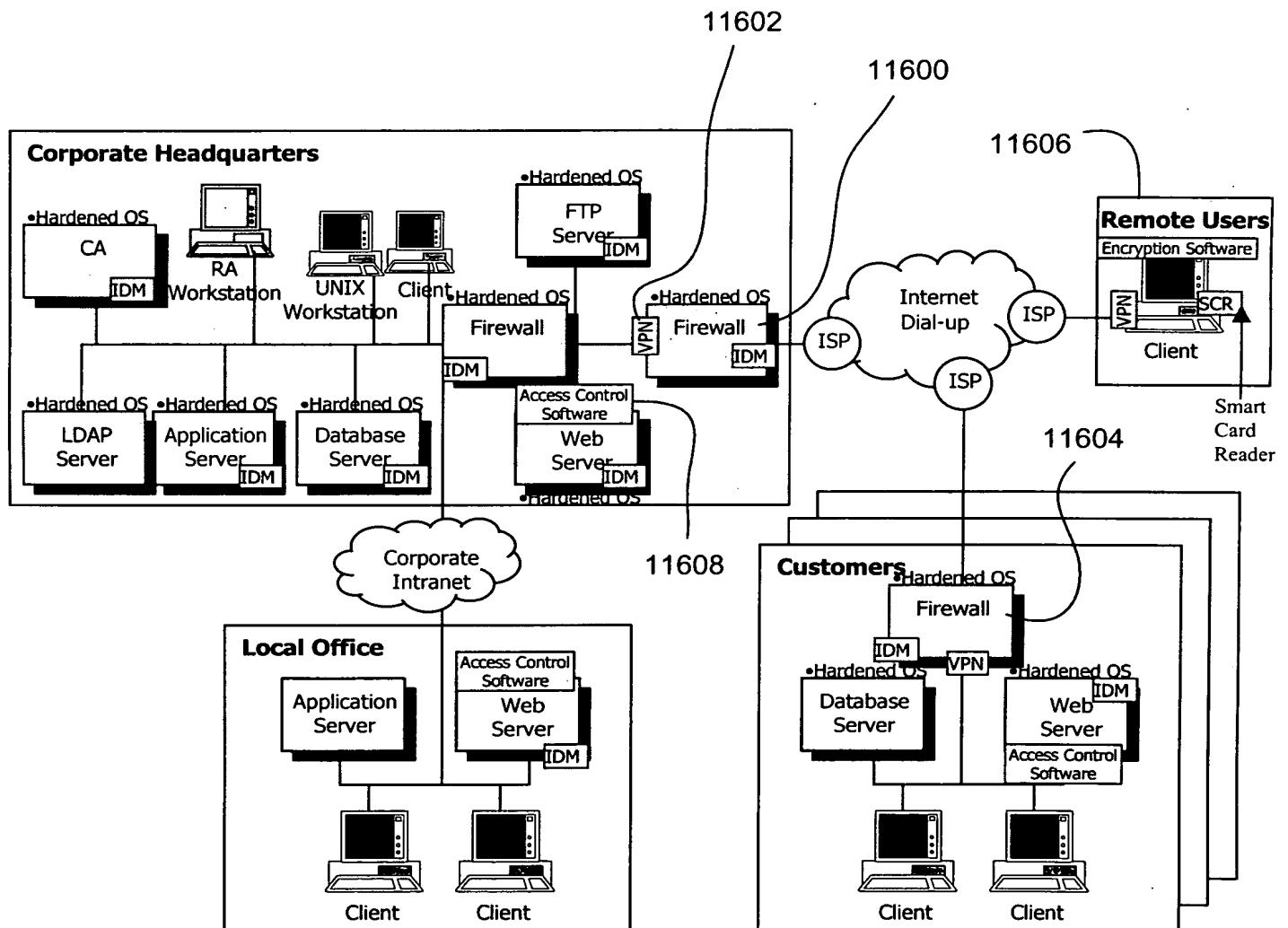


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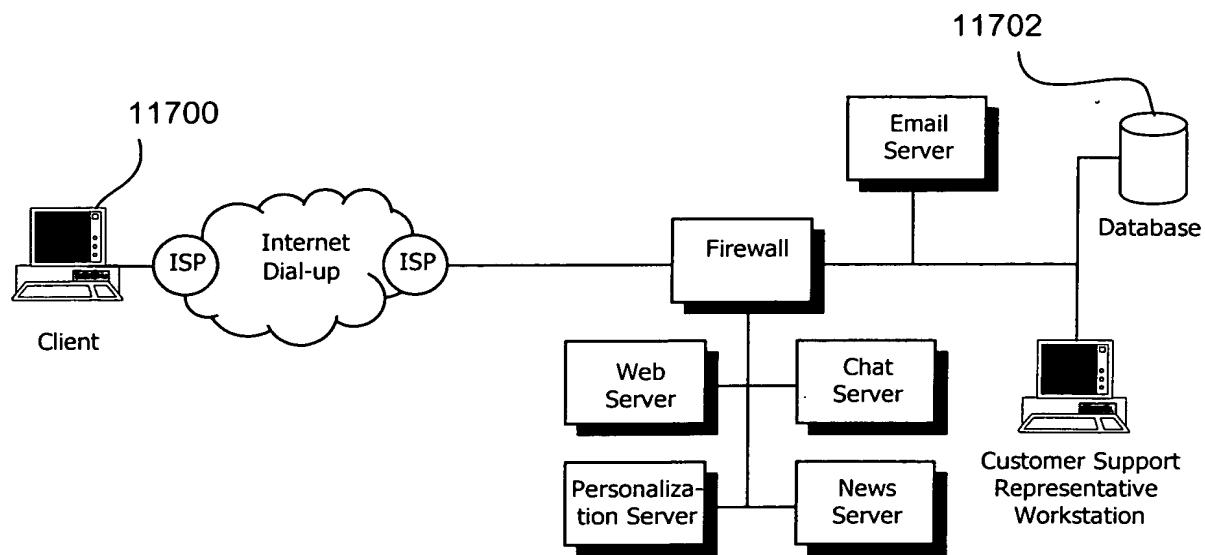


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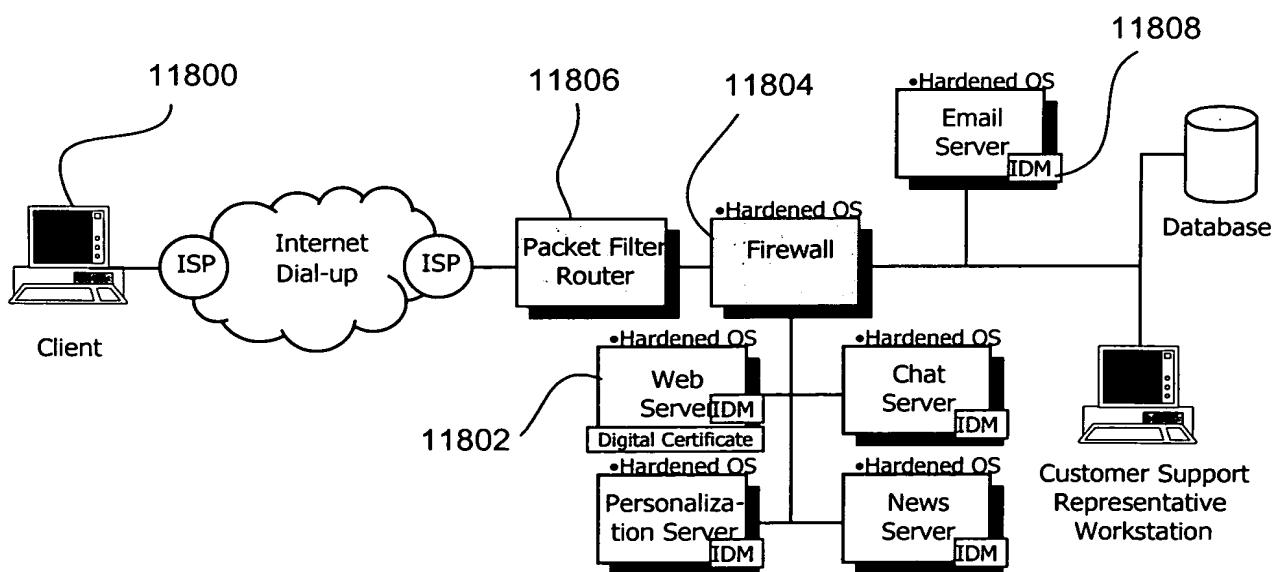


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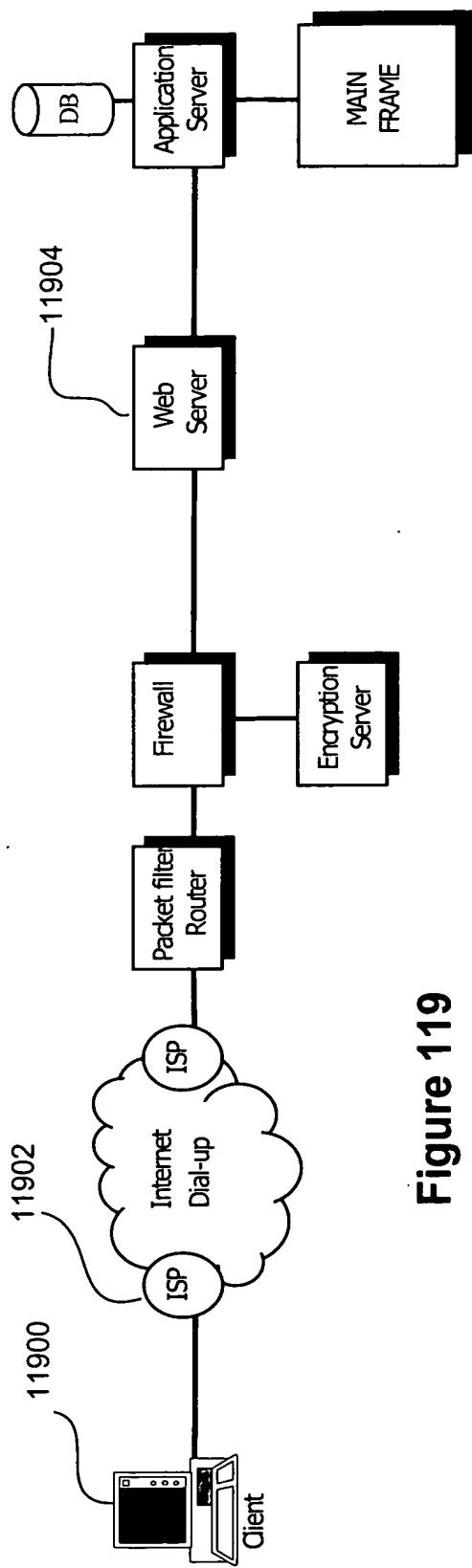


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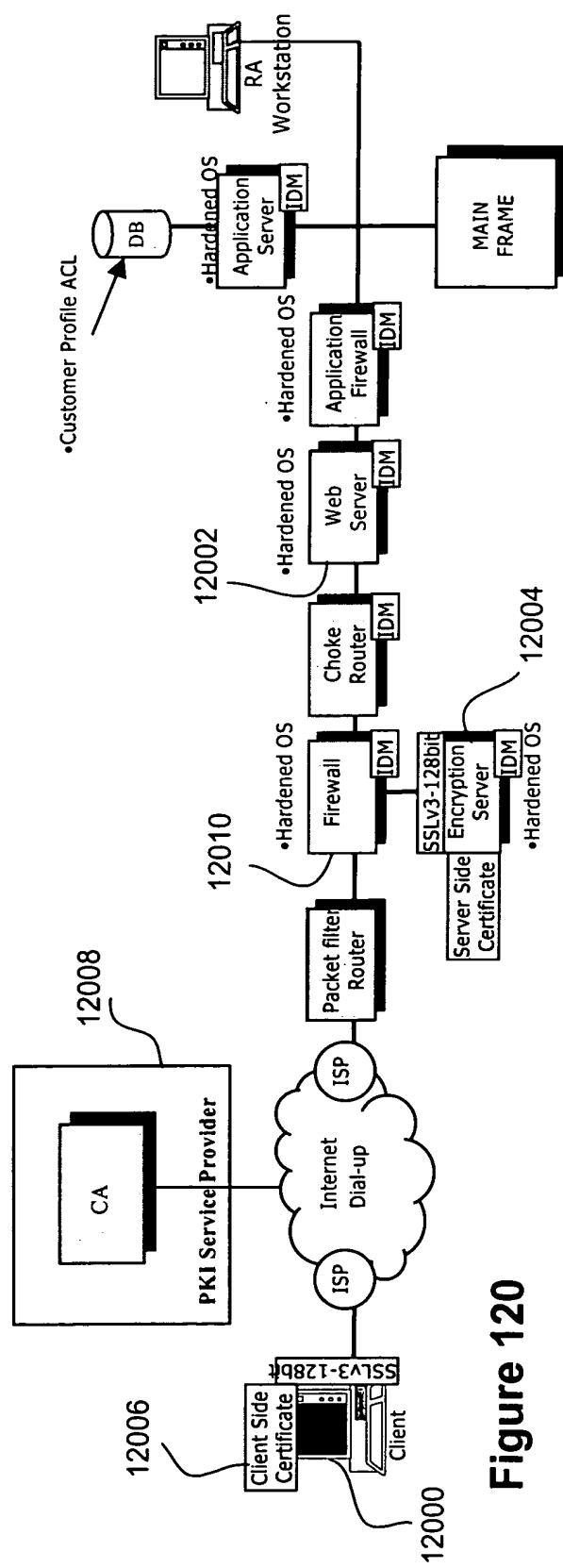


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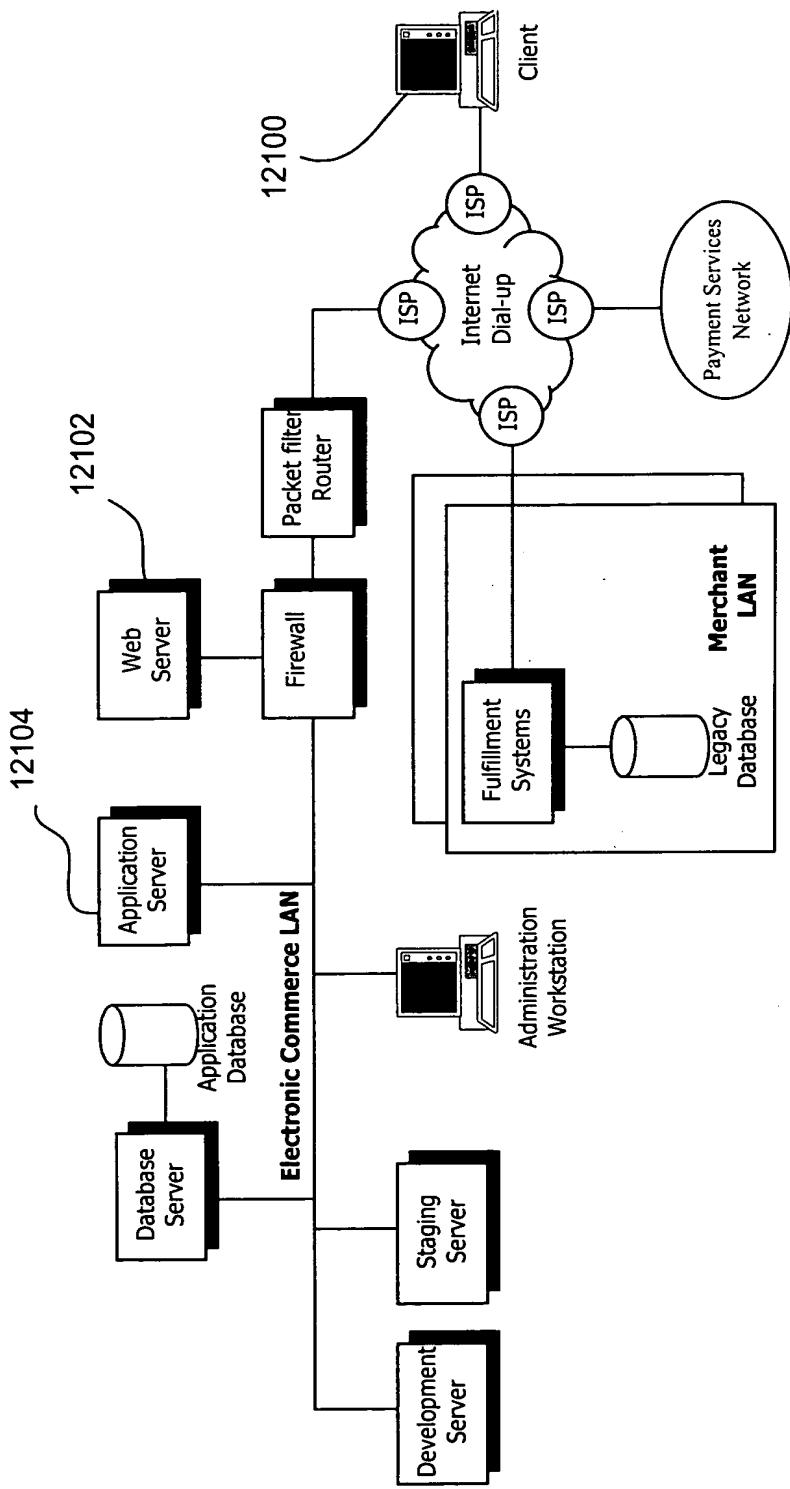


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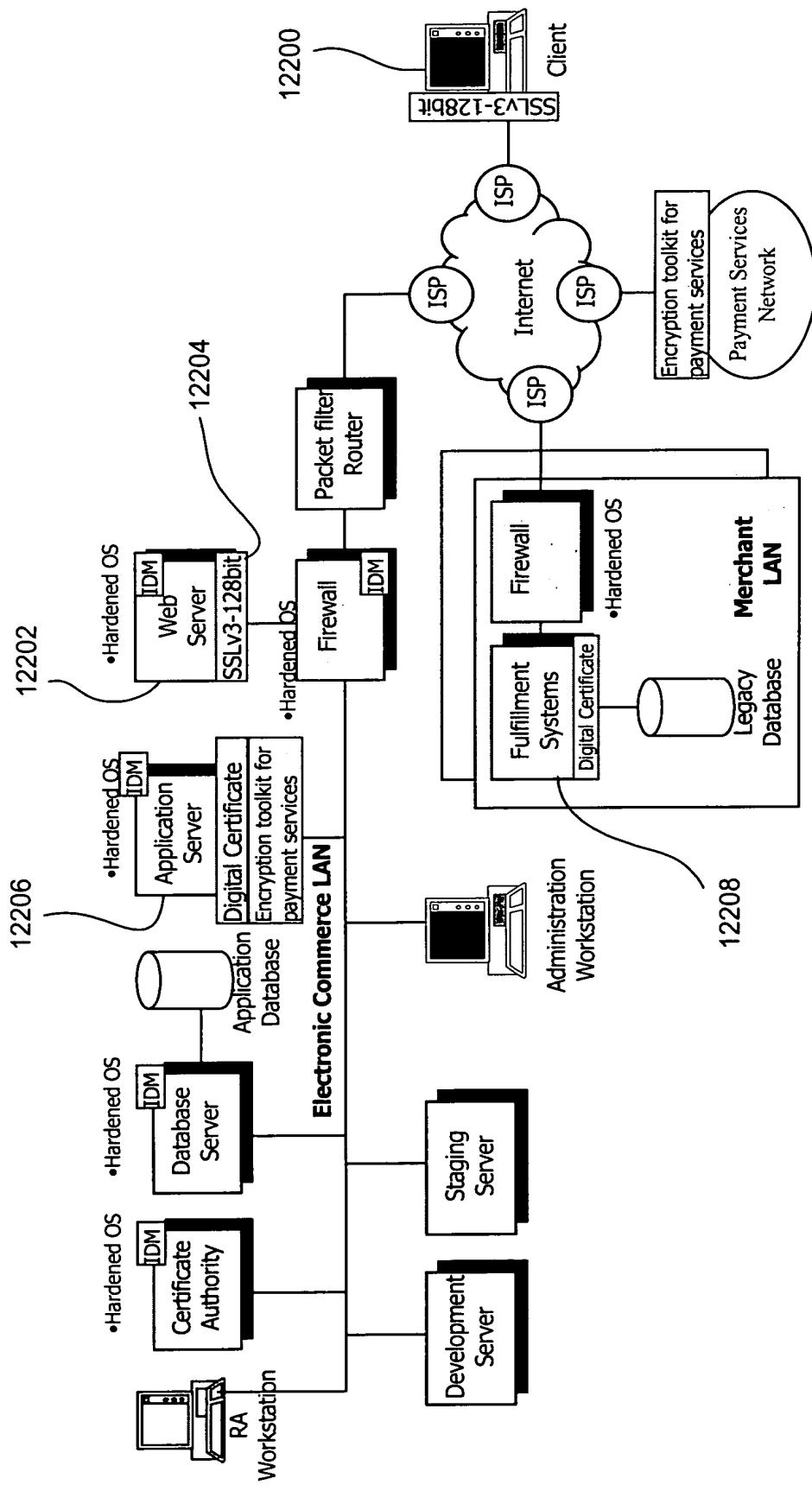


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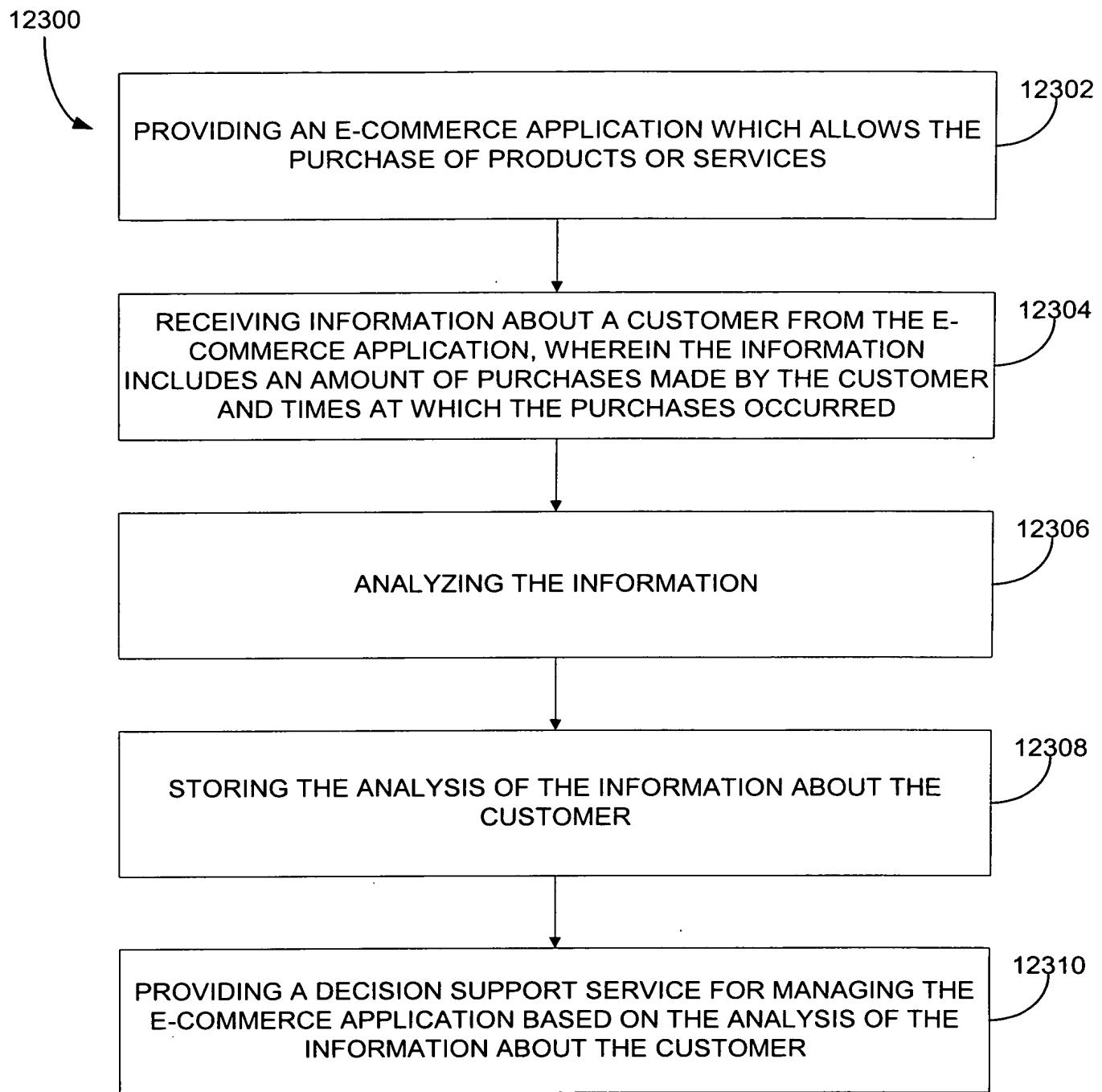


Figure 123

9016

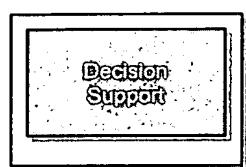


Figure 124

9018

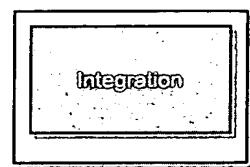


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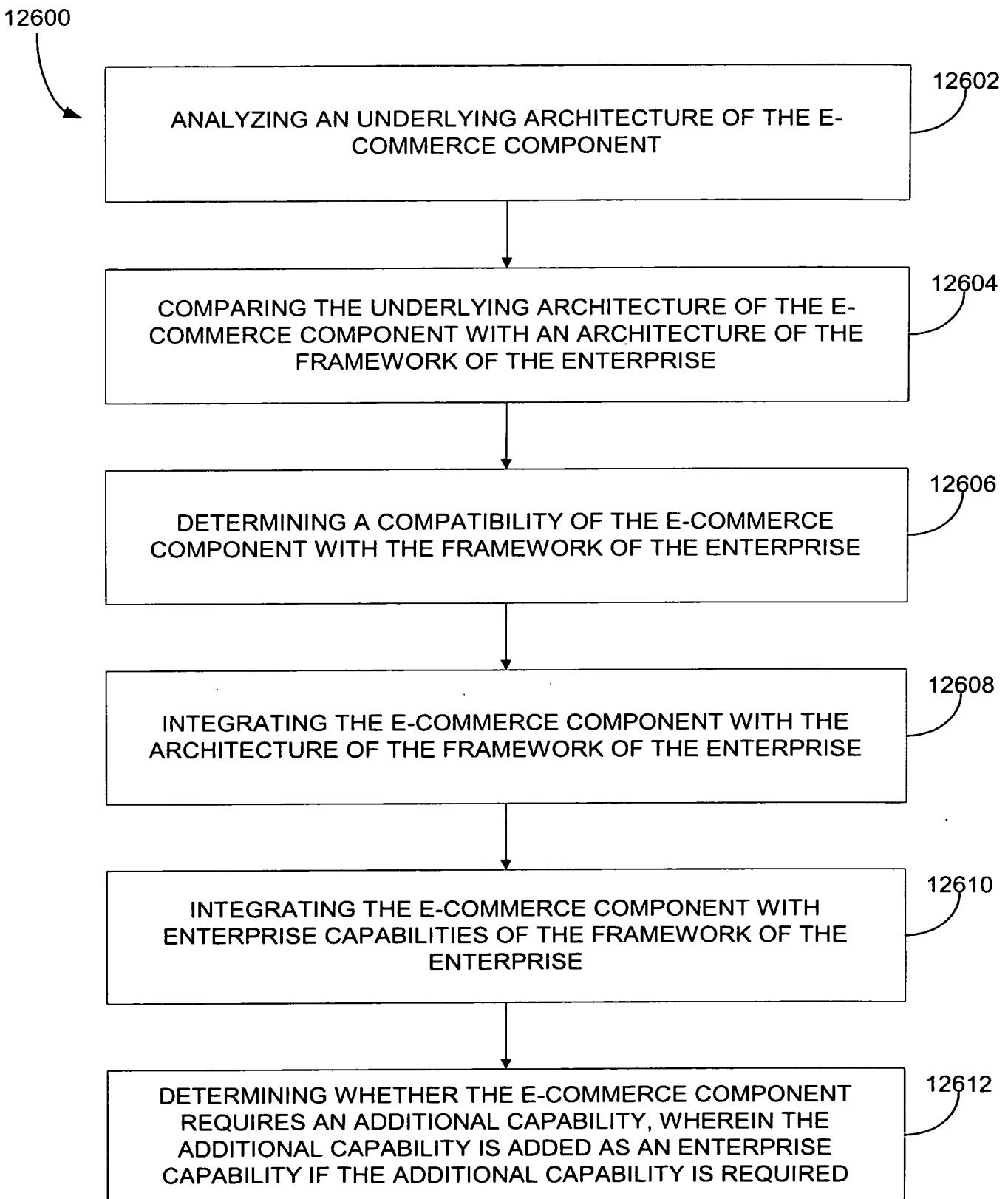
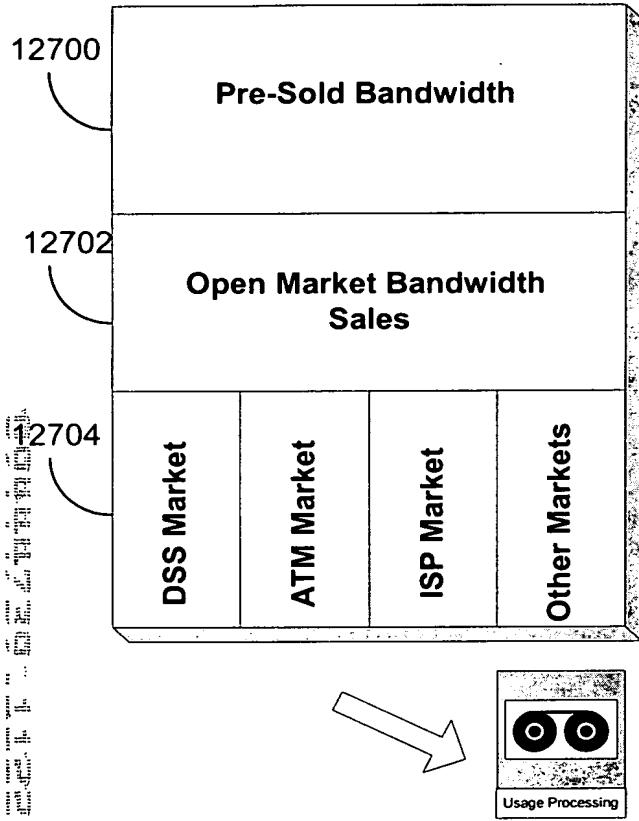


Figure 126

Bandwidth Market

Bandwidth Purchases



Net Settlements

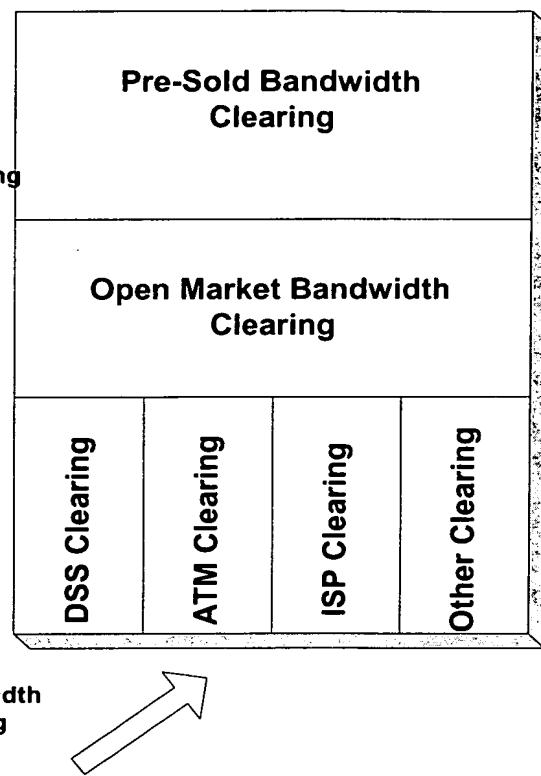


Figure 127

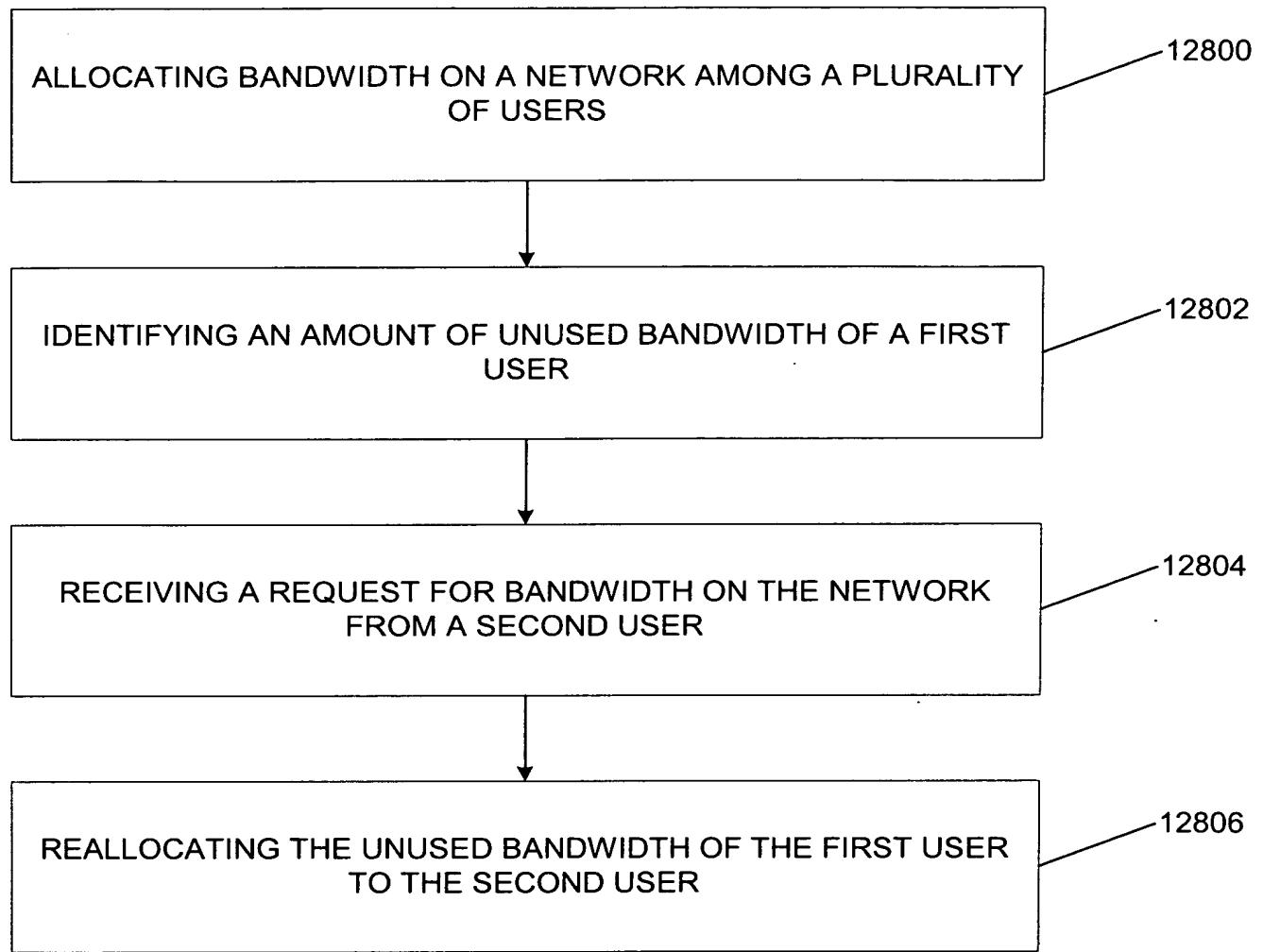


Figure 128

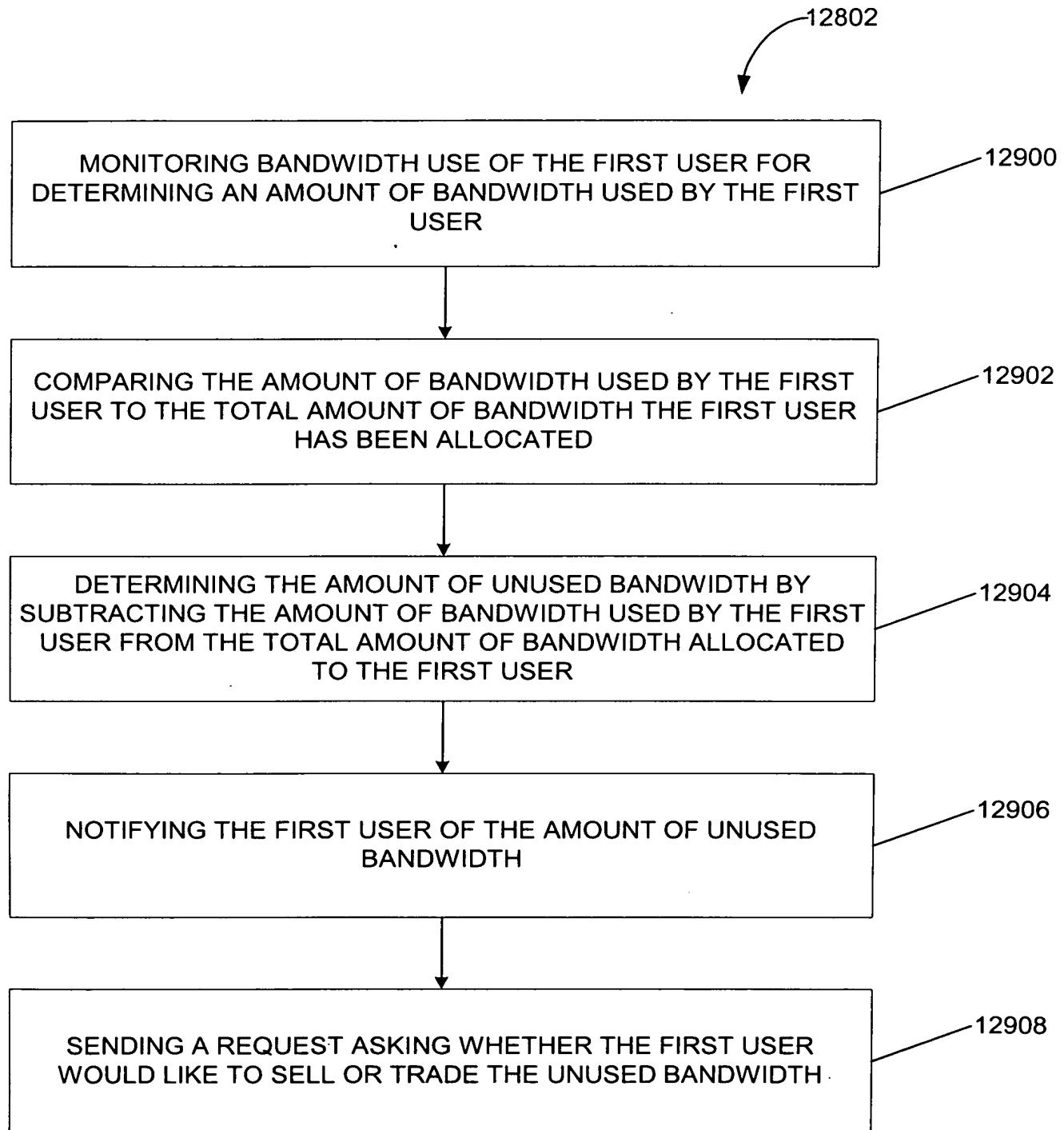


Figure 129

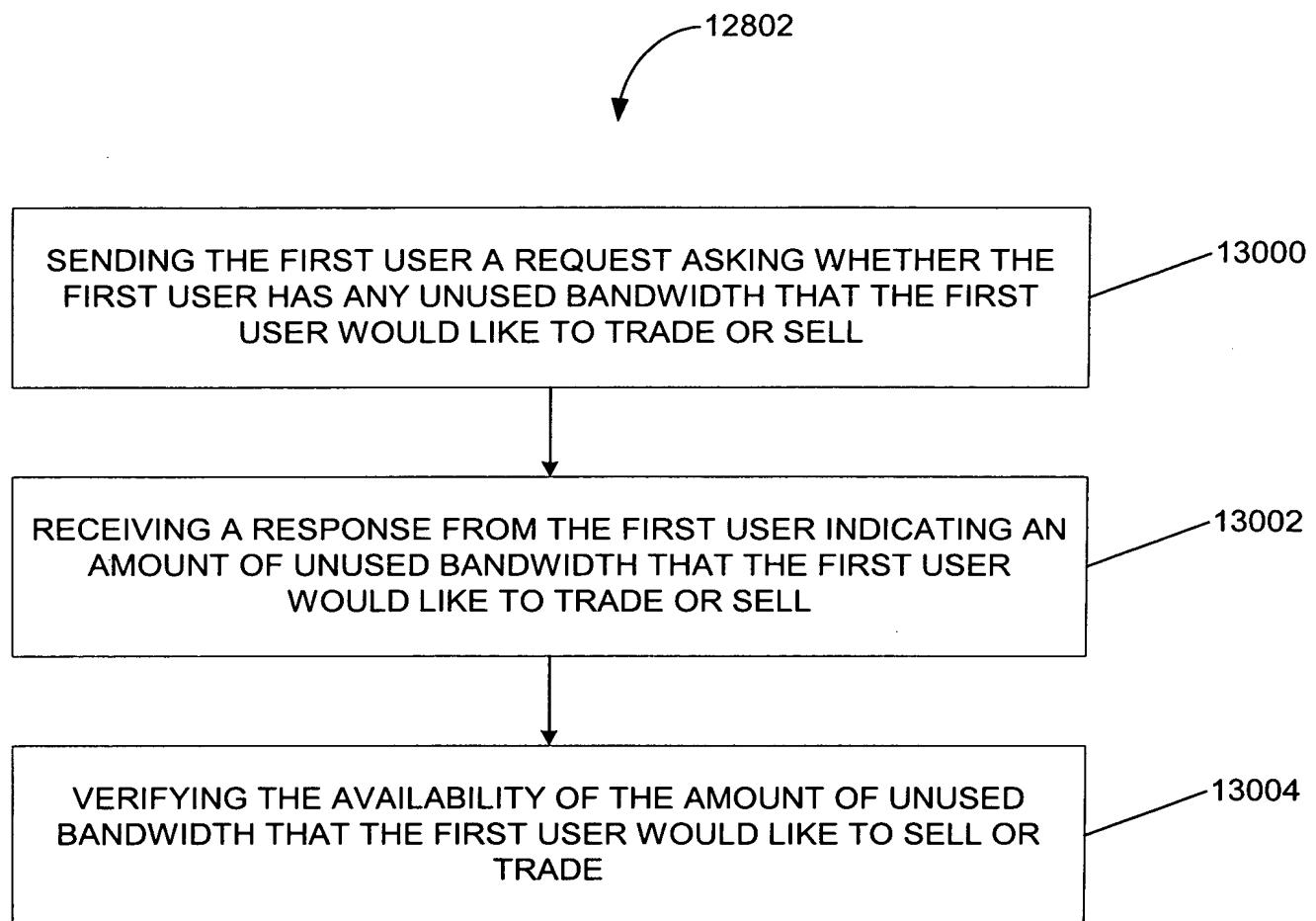


Figure 130

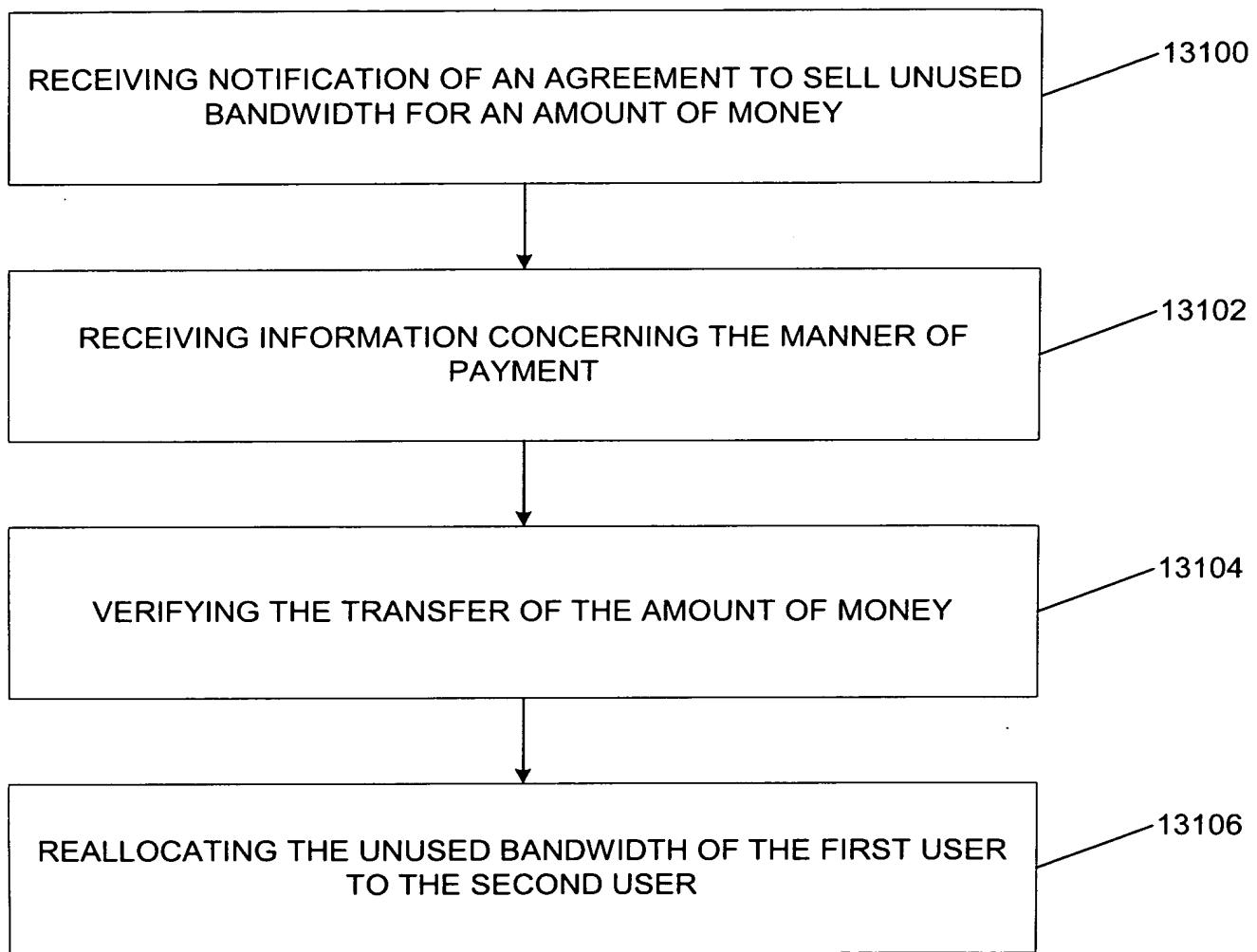


Figure 131

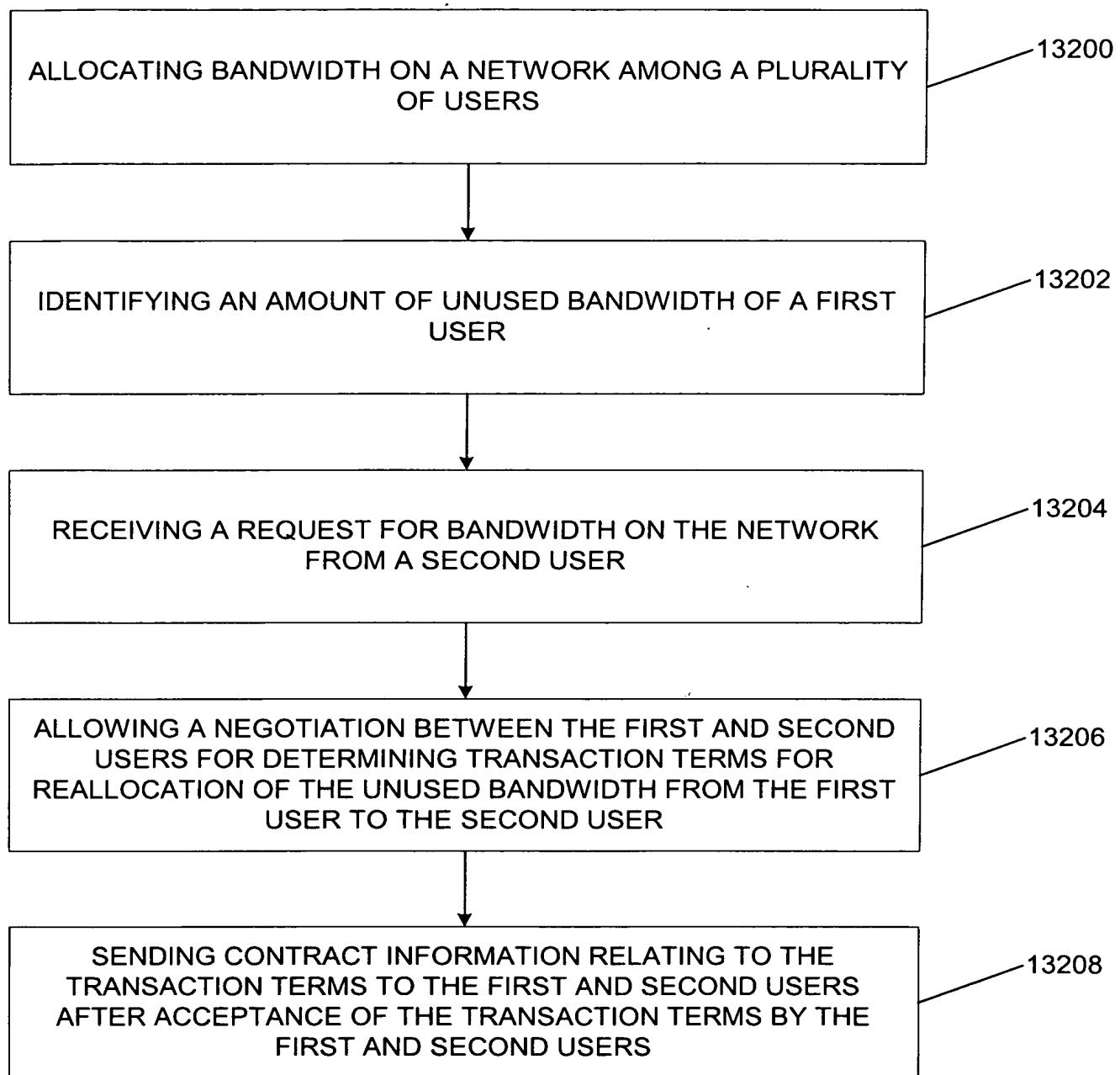


Figure 132

Bandwidth Contract Flow

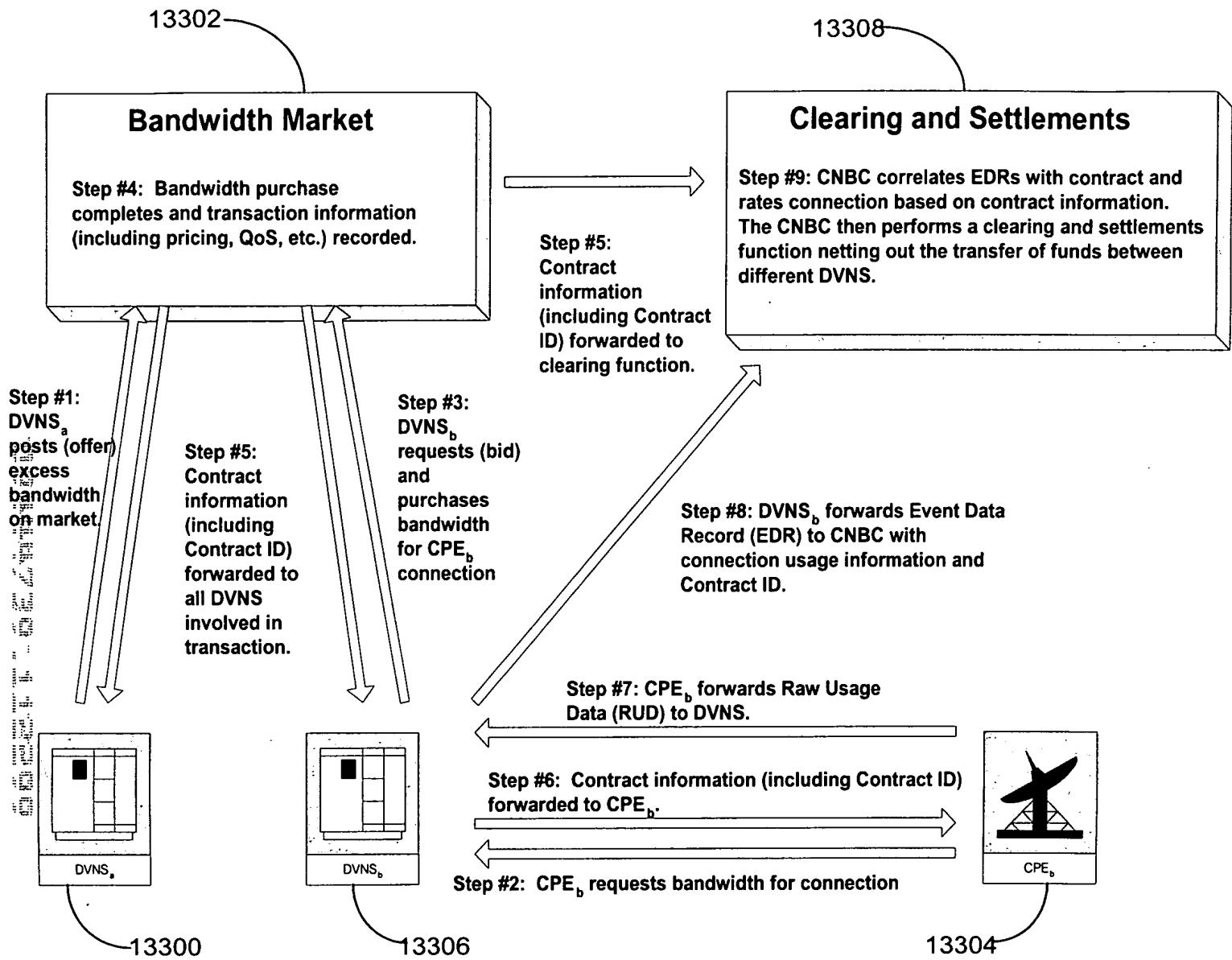


Figure 133

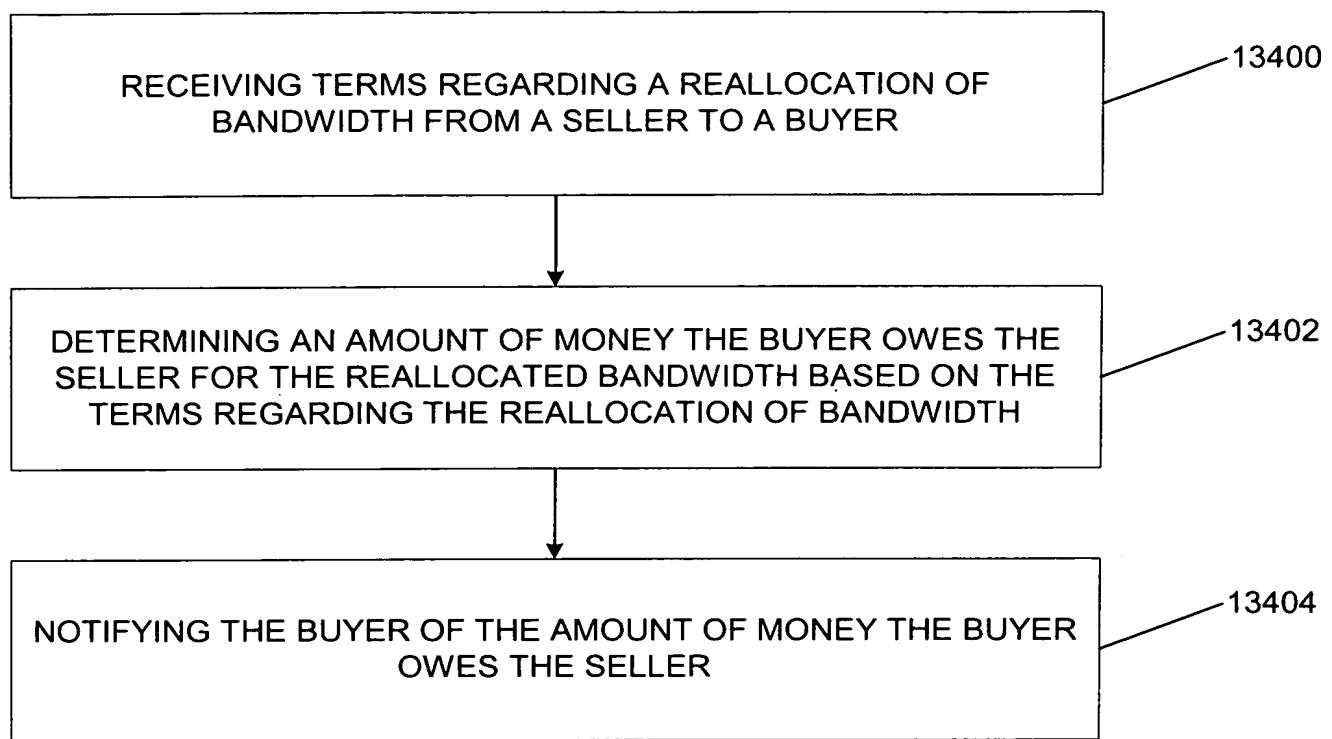


Figure 134

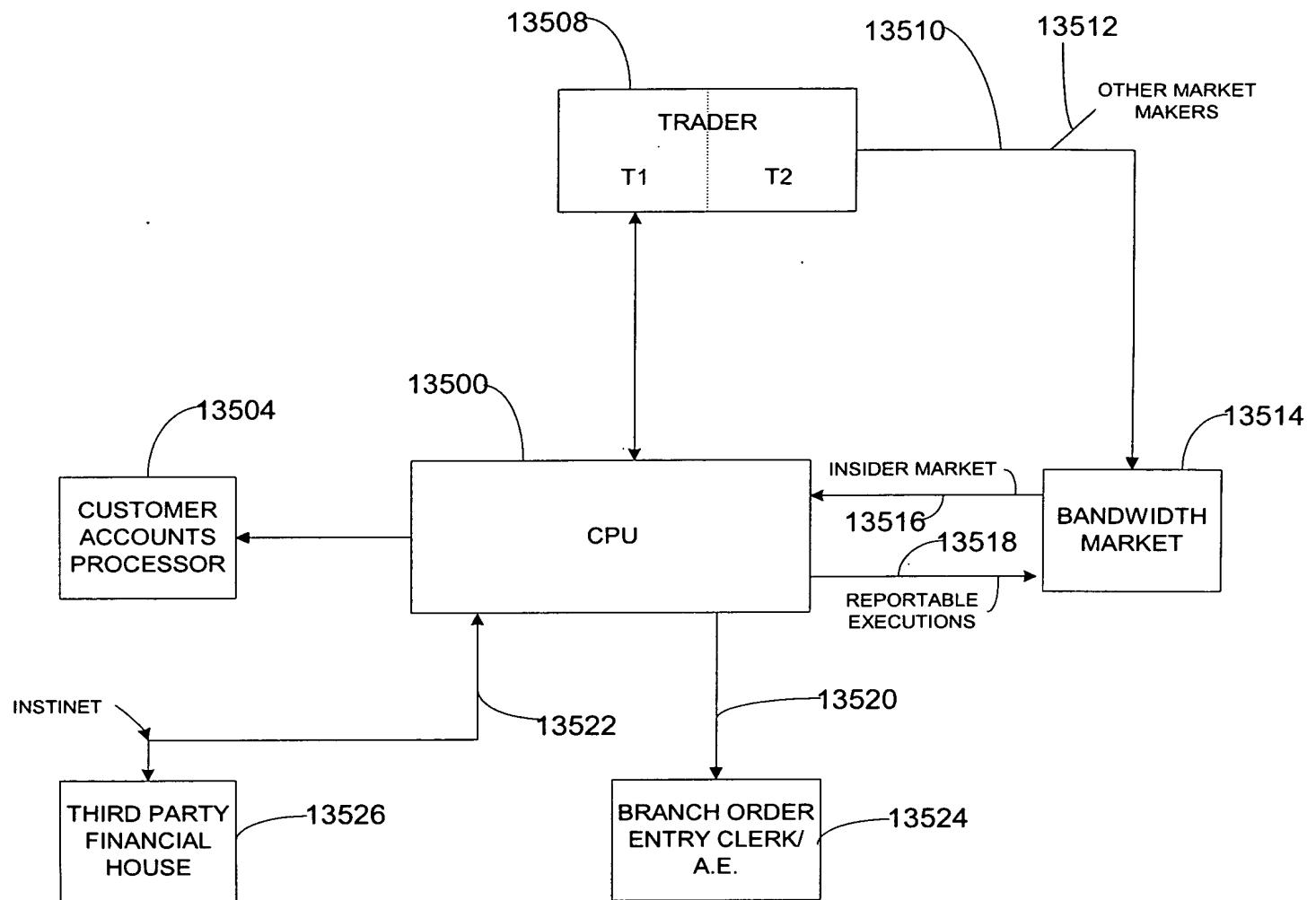


Figure 135

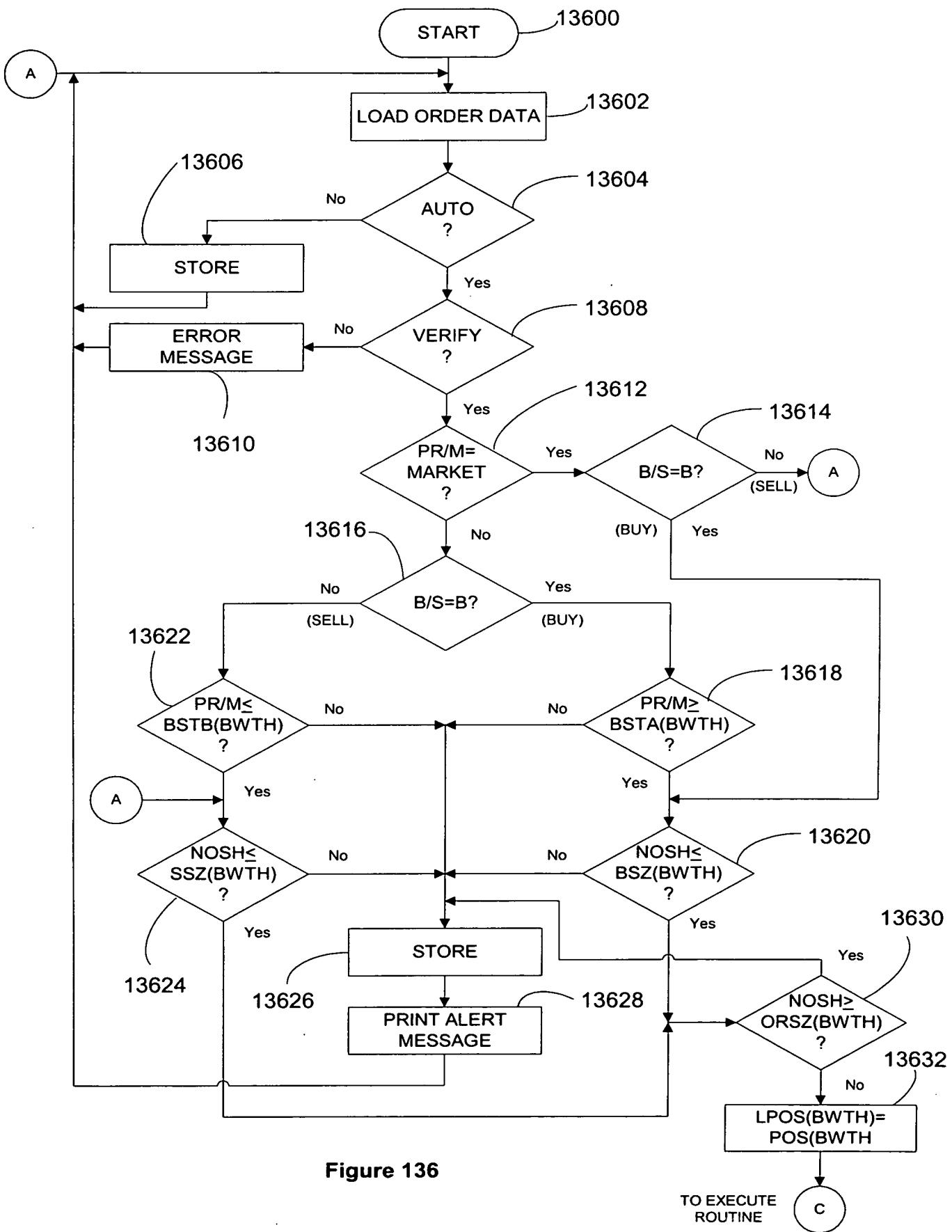


Figure 136

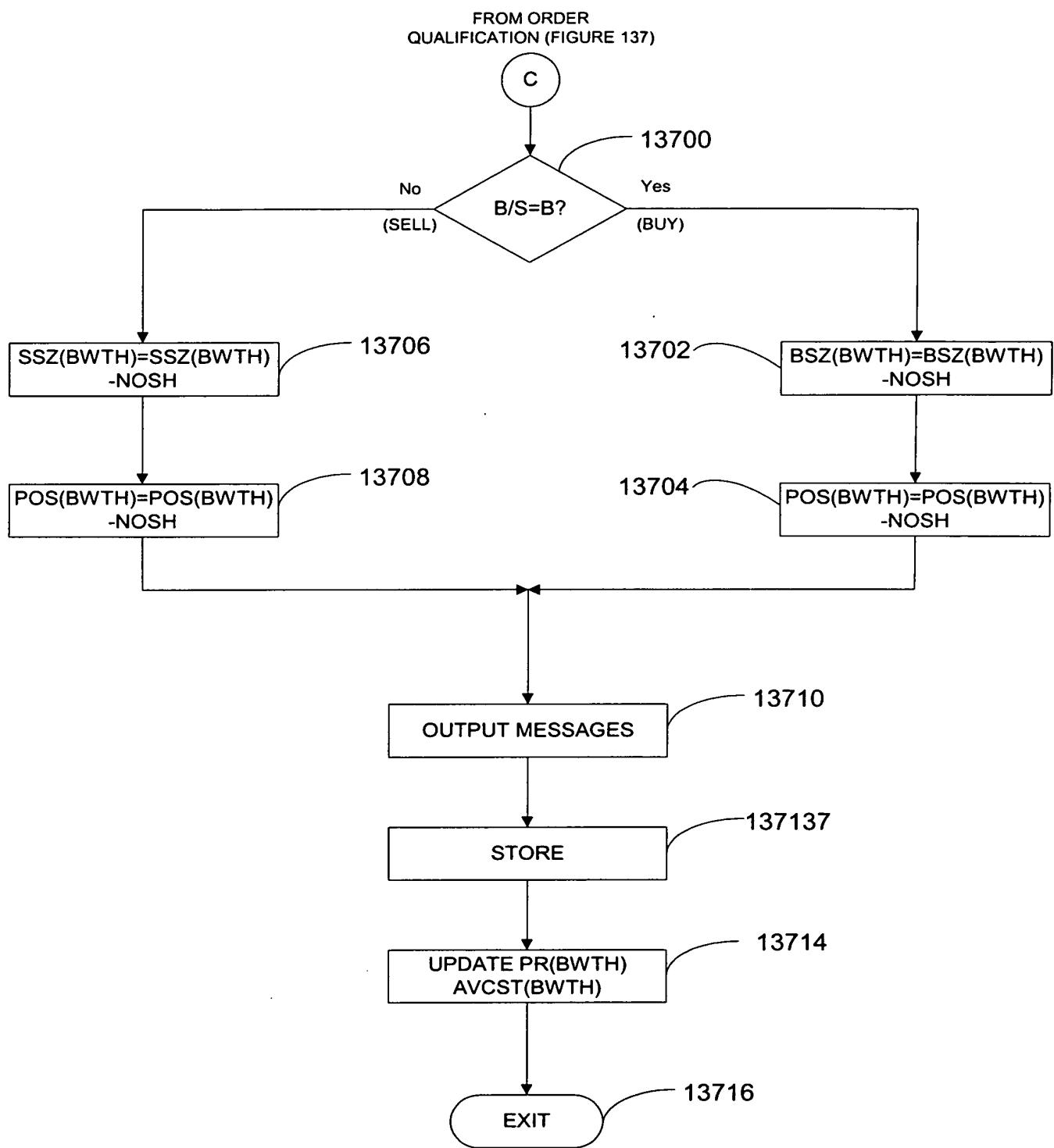


Figure 137

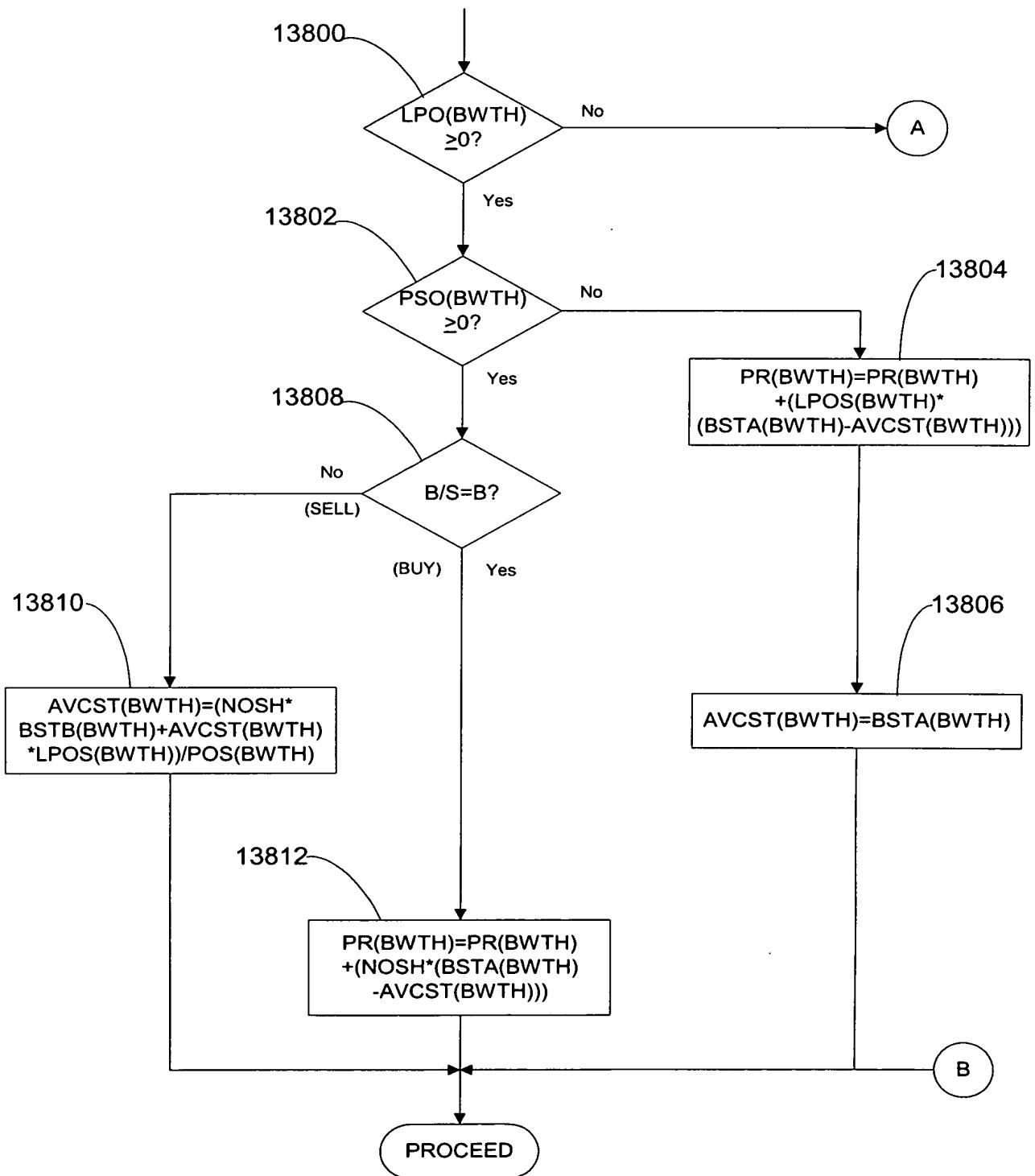


Figure 138

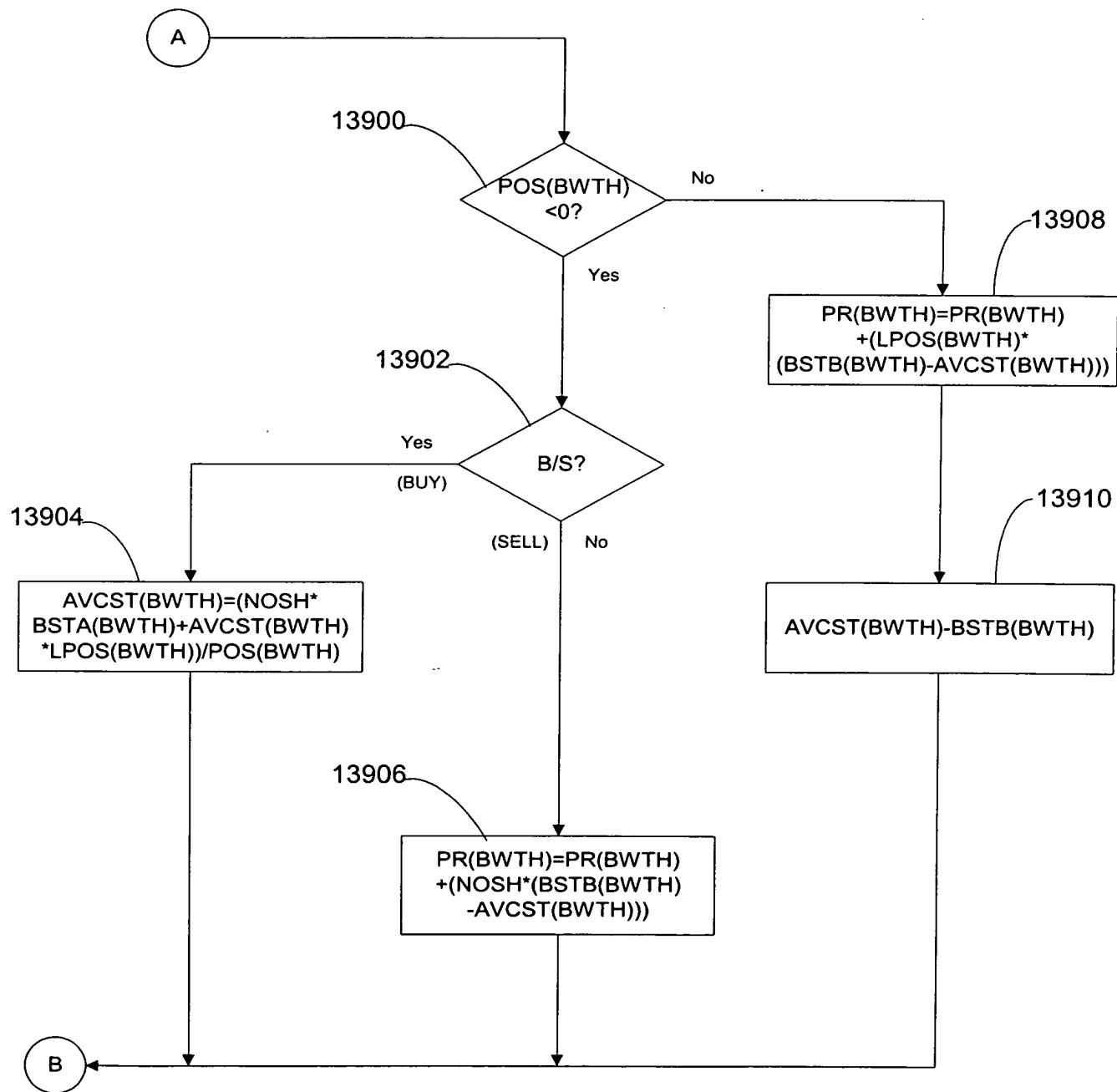


Figure 139

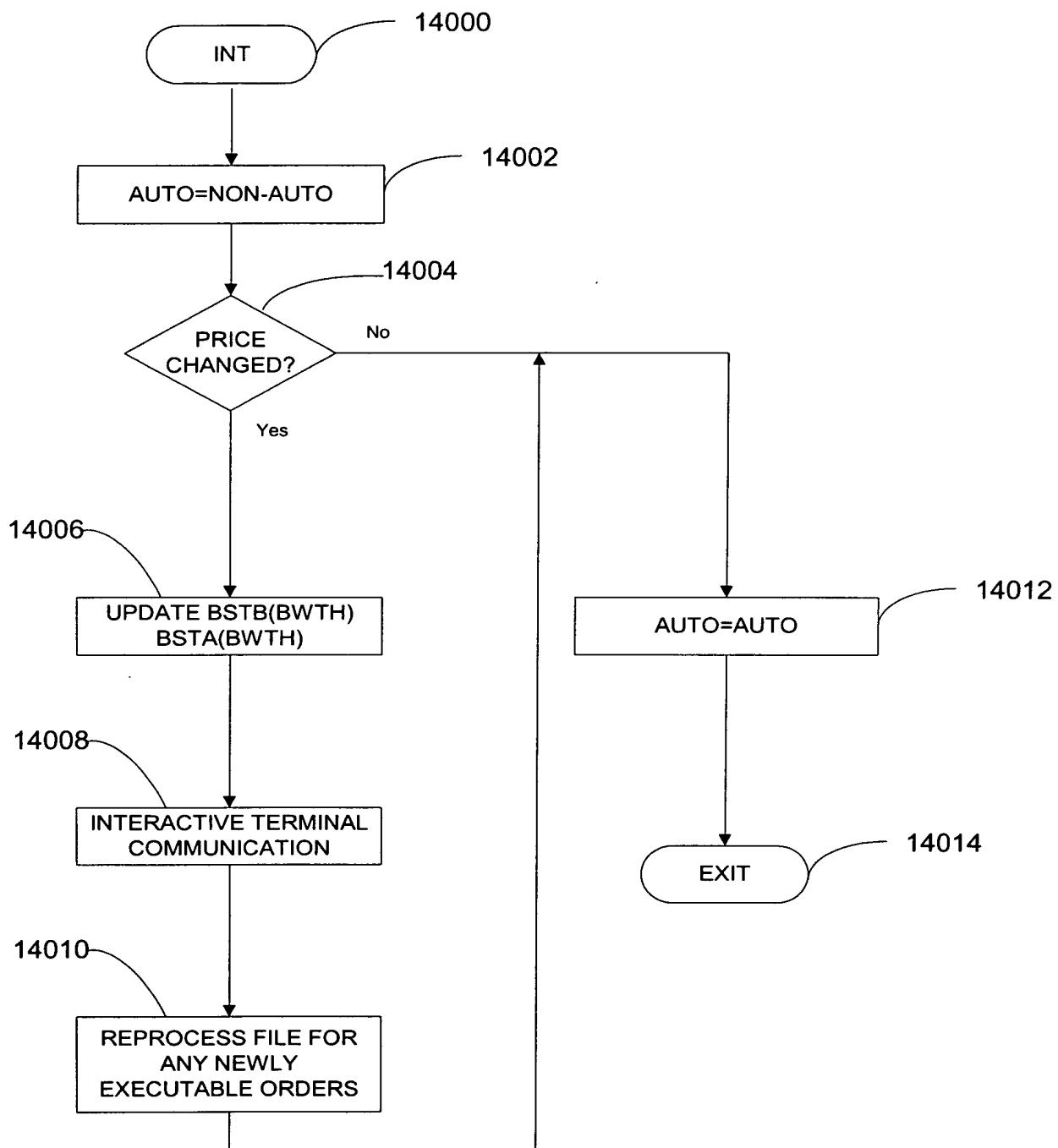


Figure 140

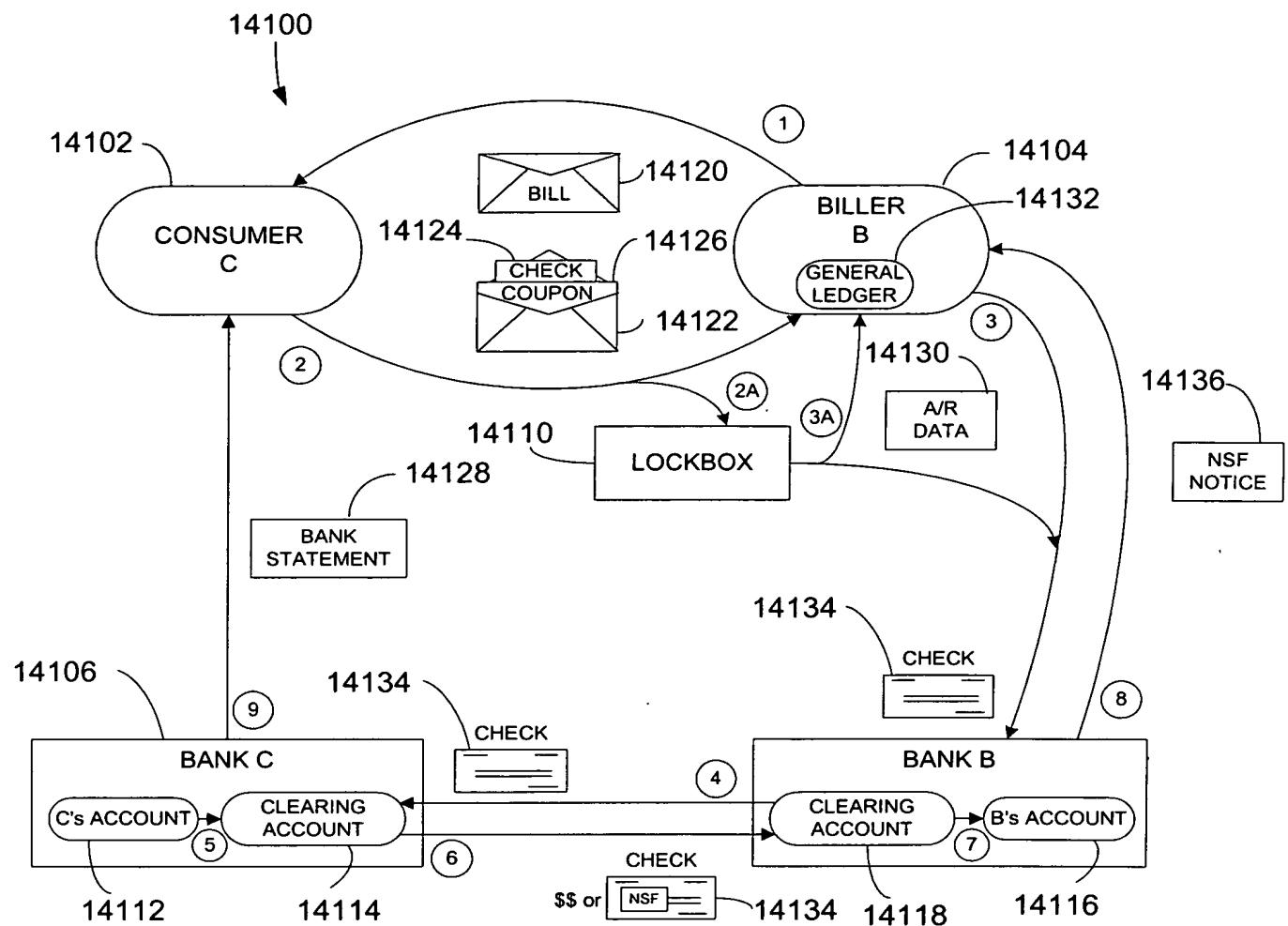


Figure 141

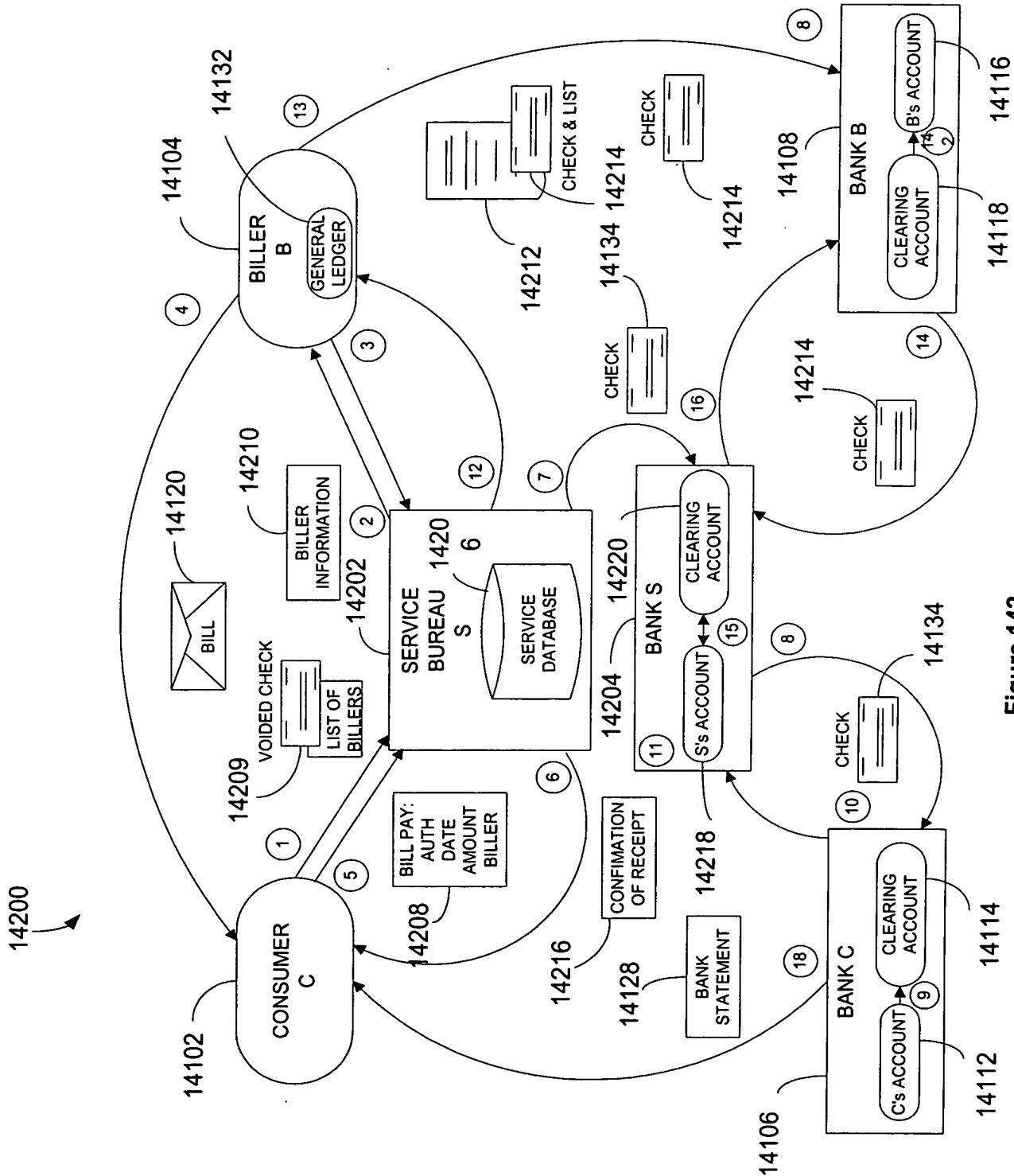


Figure 142

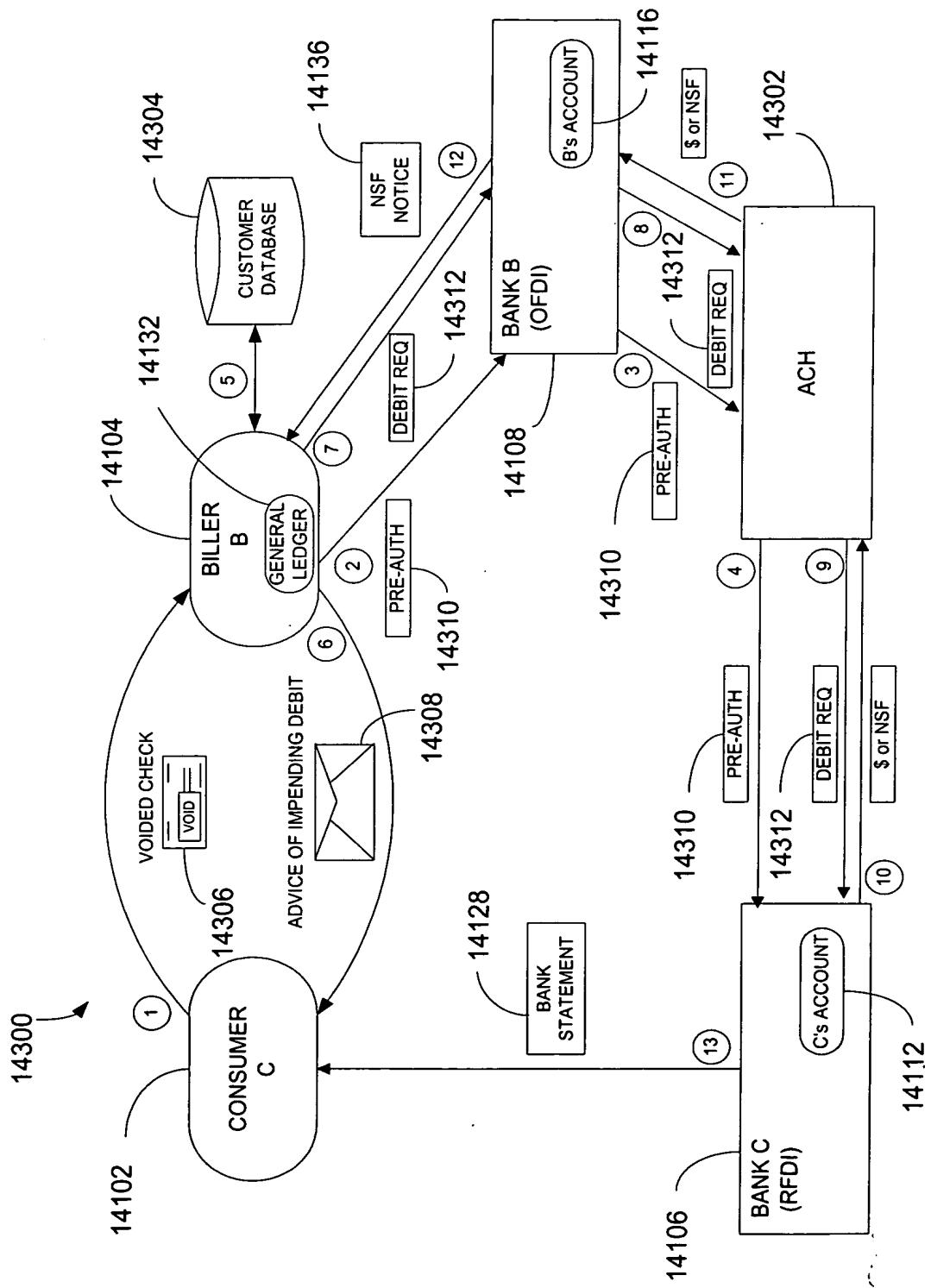


Figure 143